

Guidelines for the Creation of the
Internal Quality Assurance Cell (IQAC)
and Submission of Annual Quality Assurance
Report (AQAR) by Accredited Institutions
(For Autonomous Colleges)

(Revised as per Revised Accreditation Framework in November, 2017)



राष्ट्रीय मूल्यांकन एवं प्रत्यायन परिषद

विश्वविद्यालय अनुदान आयोग का स्वायत्त संस्थान

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

An Autonomous Institution of the University Grants Commission

P. O. Box. No. 1075, Opp: NLSIU, Nagarbhavi, Bengaluru - 560 072 India

NAAC

VISION

To make quality the defining element of higher education in India through a combination of self and external quality evaluation, promotion and sustenance initiatives.

MISSION

- ☞ To arrange for periodic assessment and accreditation of institutions of higher education or units thereof, or specific academic programmes or projects;*
- ☞ To stimulate the academic environment for promotion of quality of teaching-learning and research in higher education institutions;*
- ☞ To encourage self-evaluation, accountability, autonomy and innovations in higher education;*
- ☞ To undertake quality-related research studies, consultancy and training programmes, and*
- ☞ To collaborate with other stakeholders of higher education for quality evaluation, promotion and sustenance.*

Value Framework

To promote the following core values among the HEIs of the country:

- Contributing to National Development*
- Fostering Global Competencies among Students*
- Inculcating a Value System among Students*
- Promoting the Use of Technology*
- Quest for Excellence*

Guidelines for the Creation of the
Internal Quality Assurance Cell (IQAC)
and Submission of Annual Quality Assurance
Report (AQAR) by Accredited Institutions
(For Autonomous Colleges)

(Revised as per Revised Accreditation Framework in November, 2017)



राष्ट्रीय मूल्यांकन एवं प्रत्यायन परिषद

विश्वविद्यालय अनुदान आयोग का स्वायत्त संस्थान

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

An Autonomous Institution of the University Grants Commission

P. O. Box. No. 1075, Opp: NLSIU, Nagarbhavi, Bengaluru - 560 072 India

Published by:

The Director

National Assessment and Accreditation Council (NAAC)

P. O. Box. No. 1075, Nagarbhavi,

Bengaluru - 560 072, India

Prepared by:

Dr. Ganesh A. Hegde, Deputy Adviser, NAAC

Dr. Vinita Sahoo, Assistant Adviser, NAAC

Copyright © NAAC December 2017

All rights reserved. No part of this publication may be reproduced or utilised in any form or by any means, electronic or mechanical, including photocopying, recording, or any information storage and retrieval system, without the prior written permission of the publisher.

Printed at:

Contents

	Page Nos.
1. Introduction	..... 4
2. Objective	..... 4
3. Strategies	..... 4
4. Functions	..... 5
5. Benefits	..... 5
6. Composition of the IQAC	..... 6
7. The role of coordinator	..... 7
8. Operational Features of the IQAC	..... 7
9. Revised Accreditation Framework	..... 8
10. Mandatory Submission of AQAR by IQAC	..... 8
11. The Annual Quality Assurance Report (AQAR)	..... 8

Part – A

11. Details of the Institution	..... 9
12. IQAC Composition and Activities	..... 12

Part – B

13. Criterion – I: Curricular Aspects	..... 14
14. Criterion – II: Teaching, Learning and Evaluation	..... 15
15. Criterion – III: Research, Innovations and Extension	..... 17
16. Criterion – IV: Infrastructure and Learning Resources	..... 20
17. Criterion – V: Student Support and Progression	..... 22
18. Criterion – VI: Governance, Leadership and Management	..... 24
19. Criterion – VII: Institutional Values and Best Practices	..... 27
20. Abbreviations	..... 29

Guidelines for the Creation of the Internal Quality Assurance Cell (IQAC) and Submission of Annual Quality Assurance Report (AQAR) in Accredited Institutions

Introduction

In pursuance of its Action Plan for performance evaluation, assessment and accreditation and quality up-gradation of institutions of higher education, the National Assessment and Accreditation Council (NAAC), Bangalore proposes that every accredited institution should establish an Internal Quality Assurance Cell (IQAC) as a quality sustenance measure. Since quality enhancement is a continuous process, the IQAC will become a part of the institution's system and work towards realisation of the goals of quality enhancement and sustenance. The prime task of the IQAC is to develop a system for conscious, consistent and catalytic improvement in the overall performance of institutions. For this, during the post-accreditation period, institutions need to channelize its efforts and measures towards promoting the holistic academic excellence including the peer committee recommendations.

The guidelines provided in the following pages will guide and facilitate the institution in the creation and operation of the Internal Quality Assurance Cell (IQAC). The work of the IQAC is the first step towards internalization and institutionalization of quality enhancement initiatives.

Its success depends upon the sense of belongingness and participation in all the constituents of the institution. It will not be yet another hierarchical structure or a record-keeping exercise in the institution. It will be a facilitative and participative voluntary system/unit/organ of the institution. It has the potential to become a vehicle for ushering in quality enhancement by working out planned interventionist strategies by IQAC to remove deficiencies and enhance quality like the "Quality Circles" in industries.

IQAC – Vision

To ensure quality culture as the prime concern for the Higher Education Institutions through institutionalizing and internalizing all the initiatives taken with internal and external support.

Objective

The primary aim of IQAC is

- To develop a system for conscious, consistent and catalytic action to improve the academic and administrative performance of the institution.
- To promote measures for institutional functioning towards quality enhancement through internalization of quality culture and institutionalization of best practices.

Strategies

IQAC shall evolve mechanisms and procedures for

- a) Ensuring timely, efficient and progressive performance of academic, administrative and financial tasks;
- b) Relevant and quality academic/ research programmes;
- c) Equitable access to and affordability of academic programmes for various sections of society;
- d) Optimization and integration of modern methods of teaching and learning;
- e) The credibility of assessment and evaluation process;
- f) Ensuring the adequacy, maintenance and proper allocation of support structure and services;
- g) Sharing of research findings and networking with other institutions in India and abroad.

Functions

Some of the functions expected of the IQAC are:

- a) Development and application of quality benchmarks
- b) Parameters for various academic and administrative activities of the institution;
- c) Facilitating the creation of a learner-centric environment conducive to quality education and faculty maturation to adopt the required knowledge and technology for participatory teaching and learning process;
- d) Collection and analysis of feedback from all stakeholders on quality-related institutional processes;
- d) Dissemination of information on various quality parameters to all stakeholders;
- e) Organization of inter and intra institutional workshops, seminars on quality related themes and promotion of quality circles;
- f) Documentation of the various programmes/activities leading to quality improvement;
- g) Acting as a nodal agency of the Institution for coordinating quality-related activities, including adoption and dissemination of best practices;
- h) Development and maintenance of institutional database through MIS for the purpose of maintaining /enhancing the institutional quality;
- i) Periodical conduct of Academic and Administrative Audit and its follow-up
- j) Preparation and submission of the Annual Quality Assurance Report (AQAR) as per guidelines and parameters of NAAC.

Benefits

IQAC will facilitate / contribute to

- a) Ensure clarity and focus in institutional functioning towards quality enhancement;
- b) Ensure internalization of the quality culture;
- b) Ensure enhancement and coordination among various activities of the institution and institutionalize all good practices;

- c) Provide a sound basis for decision-making to improve institutional functioning;
- d) Act as a dynamic system for quality changes in HEIs;
- e) Build an organised methodology of documentation and internal communication.

Composition of the IQAC

IQAC may be constituted in every institution under the Chairmanship of the Head of the institution with heads of important academic and administrative units and a few teachers and a few distinguished educationists and representatives of local management and stakeholders.

The composition of the IQAC may be as follows:

1. Chairperson: Head of the Institution
2. Teachers to represent all level (Three to eight)
3. One member from the Management
4. Few Senior administrative officers
5. One nominee each from local society, Students and Alumni
6. One nominee each from Employers /Industrialists/Stakeholders
7. One of the senior teachers as the coordinator/Director of the IQAC

The composition of the IQAC will depend on the size and complexity of the institution, accordingly the representation of teachers may vary. It helps the institutions in planning and monitoring. IQAC also gives stakeholders or beneficiaries a cross-sectional participation in the institution's quality enhancement activities. The guidelines given here are only indicative and will help the institutions for quality sustenance activities.

The membership of such nominated members shall be for a period of two years. The IQAC should meet at least once in every quarter. The quorum for the meeting shall be two-third of the total number of members. The agenda, minutes and Action Taken Reports are to be documented with official signatures and maintained electronically in a retrievable format.

It is necessary for the members of the IQAC to shoulder the responsibilities of generating and promoting awareness in the institution and to devote time for working out the procedural details. While selecting these members several precautions need to be taken. A few of them are listed below:

- ♦ It is advisable to choose persons from various backgrounds who have earned respect for integrity and excellence in their teaching and research. Moreover, they should be aware of the ground realities of the institutional environment. They should be known for their commitment to improving the quality of teaching and learning.
- ♦ It is advisable to change the co-ordinator after two to three years to bring new thoughts and activities in the institution.

- ♦ It would be appropriate to choose as senior administrators, persons in charge of institutional services such as library, computer center, estate, student welfare, administration, academic tasks, examination and planning and development.
- ♦ The management representative should be a person who is aware of the institution's objectives, limitations and strengths and is committed to its improvement. The local society representatives should be of high social standing and should have made significant contributions to society and in particular to education.

The role of the Coordinator

The role of the coordinator of the IQAC is crucial in ensuring the effective functioning of all the members. The coordinator of the IQAC may be a senior/competent person with experience and exposure in quality aspects. She/he may be a full-time functionary or, to start with, she/he may be a senior academic /administrator entrusted with the IQAC as an additional responsibility. Secretarial assistance may be facilitated by the administration. It is essential that the coordinator may have sound knowledge about the computer, data management and its various functions such as usage for effective communication.

Operational Features of the IQAC

Quality assurance is a by-product of ongoing efforts to define the objectives of an institution, to have a work plan to achieve them and to specify the checks and balances to evaluate the degree to which each of the tasks is fulfilled. Hence devotion and commitment to improvement rather than mere institutional control is the basis for devising procedures and instruments for assuring quality. The right balance between the health and growth of an institution needs to be struck. The IQAC has to ensure that whatever is done in the institution for "education" is done efficiently and effectively with high standards. In order to do this, the IQAC will have to first establish procedures and modalities to collect data and information on various aspects of institutional functioning.

The coordinator of the IQAC will have a major role in implementing these functions. The IQAC may derive major support from the already existing units and mechanisms that contribute to the functions listed above. The operational features and functions discussed so far are broad-based to facilitate institutions towards academic excellence and institutions may adapt them to their specific needs.

The institutions need to submit yearly the Annual Quality Assurance Report (AQAR) to NAAC by end of September every year positively. A functional Internal Quality Assurance Cell (IQAC) and timely submission of Annual Quality Assurance Reports (AQARs) are the Minimum Institutional Requirements (MIR) to volunteer for second, third or subsequent cycle's accreditation. During the institutional visit the NAAC peer teams will interact with the IQACs to know the progress, functioning as well as quality sustenance initiatives undertaken by them.

The Annual Quality Assurance Report (AQAR) may be the part of the Annual Report. The AQAR shall be approved by the statutory bodies of the HEIs (such as Syndicate, Governing

Council/Executive Council/Board of Management) for the follow up action for necessary quality enhancement measures.

The IQACs may create its exclusive window tab on its institutional website for keeping the records/files of NAAC, Peer Team Reports, AQAR, and Certificate of Accreditation Outcomes and regularly upload/ report on its activities, as well as for hosting the AQAR.

Revised Accreditation Framework

NAAC has launched Revised Accreditation Framework since July, 2017 and hence AQAR format also modified, in cognizance with the new methodology. The tools and parameters are designed in the new AQAR format are in such a way that the preparation of AQAR would facilitate the HEI's for upcoming cycles of Accreditation. Data collected/prepared infuses quality enhancement measures undertaken during the years. Further, it also adds quality enhancement and quality sustenance measures undertaken in teaching, learning, research, extension and support activities of the Institution. It is hoped that new AQAR would facilitate Educational Institutions for creating a good database at Institutional level for enhancing the quality culture.

As per the Revised Accreditation Framework (RAF), the NAAC Accredited institutions need to submit the AQAR online. NAAC is in the process of ICT integration in Assessment and Accreditation. The login id for the online submission for AQAR submission will be the e-mail id used for the IIQA. The AQAR submission is part of the post accreditation module, in due course of time. NAAC portal will have the facility to submit the AQAR online and Institutions will receive automated response. AQAR of the preceding year be submitted to the NAAC within six months i.e. the institutions should submit the AQAR before 31st December of every year.

The Higher Education Institutions need not submit the printed/hard copy of AQAR to NAAC.

Mandatory Submission of AQAR by IQAC

The Executive Committee of NAAC has decided that **regular submission of AQARs is mandatory for 2nd and subsequent cycles of accreditation with effect from 16th September 2016:**

The following are the pre-requisites for submission of IIQA for all Higher Education Institutions (HEIs) opting for 2nd and subsequent cycles of A& A:

- Having a functional IQAC.
- The minutes of IQAC meeting and compliance to the decisions should be uploaded on the institutional website.
- Mandatory submission of AQARs on a regular basis for institutions undergoing the second and subsequent cycles of Assessment and Accreditation by NAAC.
- Upload the AQAR's on institutional website for access to all stakeholders.

Note: The terms and abbreviation used in AQAR are in accordance with respective manuals for assessment of NAAC. Please refer institutional manual for glossary and abbreviations terms used in AQAR.

The Annual Quality Assurance Report (AQAR) of the IQAC **(For Autonomous Colleges)**

Institutions Accredited by NAAC need to submit an Annual self-reviewed progress report i.e. Annual Quality Assurance Report (AQAR) to NAAC, through its IQAC. The report is to detail the tangible results achieved in key areas, specifically identified by the IQAC at the beginning of the Academic year. *The AQAR period would be the Academic Year. (For example, July 1, 2017 to June 30, 2018)*

Part – A

Data of the Institution

(Data may be captured from IIQA)

1. Name of the Institution: Anil Neerukonda Institute of Technology and Sciences

- Name of the Head of the institution : Prof. T. Subrahmanyam
- Designation: Principal
- Does the institution function from own campus: Yes
- Phone no. /Alternate phone no. 08933-225083/84
- Mobile no. 7330789892
- Registered Email : principal@anits.edu.in
- Alternate Email: proftvhrao@anits.edu.in
- Address : Sangivalasa, Bheemunipatnam (Mandal)
- City/Town : Visakhapatnam
- State/UT : Andhra Pradesh
- Pin Code : 531162

2. Institutional status:

- Autonomous Status (provide the date of Conformant of Autonomous Status):
- Type of Institution: Co-education
- Location : Urban
- Financial Status: Self financing
- Name of the IQAC Co-ordinator/Director: Prof. G. Anada rao
- Phone no. /Alternate phone no. : 9848062928
- Mobile: 9848062928
- IQAC e-mail address: <http://anits.edu.in/iqac.php>
- Alternate Email address: vijayakumar.eee@anits.edu.in

3. Website address: www.anits.edu.in

Web-link of the AQAR: [www.anits.edu.in/IQAC/AQAR 2016-17.doc](http://www.anits.edu.in/IQAC/AQAR%202016-17.doc)

4. Whether Academic Calendar prepared during the year?

Yes/No....., if yes, whether it is uploaded in the Institutional website: **Yes**

Web link: www.anits.edu.in

5. Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1 st	A	3.01	10-12-2014	from: 10/12/2014 to: 09/12/2019

6. Date of Establishment of IQAC: 22/01/2014

7. Internal Quality Assurance System

7.1 Quality initiatives by IQAC during the year for promoting quality culture		
Item /Title of the quality initiative by IQAC	Date & duration	Number of participants/beneficiaries

Note: Some Quality Assurance initiatives of the institution are:

(Indicative list)

- Regular meeting of Internal Quality Assurance Cell (IQAC); timely submission of Annual Quality Assurance Report (AQAR) to NAAC; Feedback from all stakeholders collected, analysed and used for improvements
- Academic Administrative Audit (AAA) conducted and its follow up action
- Participation in NIRF
- ISO Certification
- NBA etc.
- Any other Quality Audit

8. Provide the list of Special Status conferred by Central/ State Government - UGC

Institution/ Department/Faculty	Scheme	Funding agency	Year of award with duration	Amount

9. Whether composition of IQAC as per latest NAAC guidelines: Yes/No: YES

*upload latest notification of formation of IQAC

10. No. of IQAC meetings held during the year: 2

The minutes of IQAC meeting and compliance to the decisions have been uploaded on the institutional website.....

Yes/No: Yes

(Please upload, minutes of meetings and action taken report)

11. Whether IQAC received funding from any of the funding agency to support its activities during the year? No

12. Significant contributions made by IQAC during the current year (maximum five bullets)

- Administrative Academic Audit (AAA) committee interact with all the departments for maintaining and sustaining quality education as directed by IQAC.
- Introduced MOODLE and e-learning software.
- Enhancement of research activities.
- Initiation of student activities/clubs.
- A Seminar on “Intellectual Property Rights (IPR)”.
- A Seminar on “Outcome Based Education”.
- A workshop on “Empowering Teaching Excellence through E- Learning Platforms”.
- Faculty Development Program on “Pedagogical Training on Outcome Based Education”
- National level awareness programme on “Establishing Incubation-Innovation centre”.

13. Plan of action chalked out by the IQAC in the beginning of the Academic year towards Quality Enhancement and the outcome achieved by the end of the Academic year

Plan of Action	Achievements/Outcomes
Budget proposal is made taking into consideration of additional/ new equipment required for up gradation/introduction of new experiments in various laboratories.	The required equipment has been purchased.
Organize FDP and training to newly recruited faculty.	Organized training and FDP from renowned academic institutions.
Organize at least one national level programme in a year	Each department has organized at least one conference once in a year.
To see that more number of students register for various professional bodies and take part in activities organized by the bodies.	Several students have registered for professional bodies and won prizes in the activities conducted within and outside the college.

14. Whether the AQAR was placed before statutory body? Yes /No: No

Name of the statutory body:

Date of meeting(s):

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning?

Yes/No: No

Date:

16. Whether institutional data submitted to AISHE: Yes/No: Yes

Year: 2018

Date of Submission: 03-03-2018

17. Does the Institution have Management Information System?

Yes :

If yes, give a brief description and a list of modules currently operational.

(Maximum 500 words)

1. Online attendance system - Institute have EZ school for monitoring student attendance
2. E-learning system- Using MOODLE software for online learning

Part-B

CRITERION I – CURRICULAR ASPECTS			
1.1 Curriculum Design and Development			
1.1.1 Programmes for which syllabus revision was carried out during the Academic year			
Name of programme	Programme Code	Dates of revision	
UG-B.Tech	CSE, ECE, EEE, MECH, CIV, IT, CHEM	<ul style="list-style-type: none"> • Course Structure was framed for Autonomous and approved by Board of Studies on 20-06-2015. • IV/IV B.TECH syllabus was framed and approved on 28-04-2018. 	
PG-M.Tech	<ul style="list-style-type: none"> • Computer Science and Technology (CSE), • Communication Systems (ECE), • Control Systems (EEE), • Machine Design (MECH) • Soil Mechanics (CIV) 	--	
1.1.2 Programmes/ courses focussed on employability/ entrepreneurship/ skill development during the Academic year			
Programme with Code	Date of Introduction	Course with Code	Date of Introduction
B.TECH (CSE, ECE, EEE, MECH, CIVIL, IT, CHEMICAL)	-	i. Quantitative Aptitude and Verbal Aptitude-I ii. Quantitative Aptitude and Verbal Aptitude-II iii. Soft Skills Lab iv. Engineering Economics & management	19-06-2017
B.TECH (MECH)	-	i. Entrepreneurship Development (MEC 416)	25-03-2017
B.TECH (Civil)	-	i. RS & GIS Applications (CIV 326)	25-03-2017
1.2 Academic Flexibility			
1.2.1 New programmes/courses introduced during the Academic year			
Programme/Course	Date of introduction		
M.Tech / Soil Mechanics (CIV)	25-03-2017		

1.2.2 Programmes in which Choice Based Credit System (CBCS)/Elective Course System implemented at the College level during the Academic year.					
Name of Programmes adopting CBCS	UG	PG	Date of implementation of CBCS / Elective Course System	UG	PG
Already adopted (mention the year)				2017	2015
1.3 Curriculum Enrichment					
1.3.1 Value-added courses imparting transferable and life skills offered during the year					
Value added courses		Date of introduction		Number of students enrolled	
ANDROID Nano Degree from Udacity		13-05-2018		4	
ANDROID UdeMy Certification		06-05-2018		14	
Embedded system(IOT) fundamentals		02-01-2018 to 04-01-2018		109	
Embedded system Advanced		15-02-2018 to 17-02-2018		119	
Robotics with Artificial Intelligence		23-02-2018 to 24-02-2018		124	
Two Day Workshop on “ E-Tabs”		13-12-2017, 14-12- 2017		36	
One Day Workshop on “Geotechnical Problems and Practices”		15-09-2017		100	
Workshop on ” Cyber Security & Ethical Hacking”		28-8-17 to 1-9-17		70	
Workshop on “Google – Kotlin”		4-9-17 to 8-9-17		70	
1.3.2 Field Projects / Internships under taken during the year					
Project/Programme Title			No. of students enrolled for Field Projects / Internships		
Industrial Training			It is mandatory to participate in SIX WEEK summer internship programme for III/IV B. Tech students in summer vacation after the end of semester/ year end examinations		
Amazon India			01 (Paid Internship)		
Alchemy			01 (Paid Internship)		
1.4 Feedback System					
1.4.1 Whether structured feedback received from all the stakeholders.					
1) Students	2) Teachers	3) Employers	4) Alumni	5)Parents	
Yes	Yes	Yes	Yes	Yes	
1.4.2 How the feedback obtained is being analyzed and utilized for overall development of the institution? (maximum 500 words)					
<p>The feedback system taken from the stakeholders in our institution was useful in enhancing the educational system in all aspects like teaching, infrastructure, placements etc.</p> <p>➤ Student feedback:</p> <ul style="list-style-type: none"> • Student feedback is taken from the students twice in a semester i.e. one before MID-1 & other before MID-II. Feedback is taken for individual subjects in a semester for corresponding faculty. • Identified feedback is being analyzed by the higher authorities for the improvement of the subject and suggestions or advices are given to respective faculty for modifying the teaching learning process, in order to improve the skills of the student. <p>➤ Parent Feedback:</p> <ul style="list-style-type: none"> • Parent Feedback is taken once in a year. • This stakeholder feedback plays an important role which is used to modify the Program Educational Outcomes in alignment with their aspirations. 					

- **Alumni Feedback:**
 - Alumni Feedback is taken annually at regular intervals.
 - This feedback is collected from Alumni Students in the meetings conducted with alumni. It is used to fulfil the curriculum gaps, for add on courses, for skill development and to finally meet the Industry requirements.
- **Exit Feedback**
 - Exit feedback is taken from every student of all the individual batches.
 - This feedback is used to understand the difficulty levels of the student for some courses and finally used for curriculum designing.
- **Employer feedback**
 - This employer feedback is taken for our student working in organisation/Industry.
 - It is used to enhance the weakness of our students in various organisations.
- **Industry Feedback**
 - Industry feedback is collected from various industries once in a year during the industrial visit and during the industrial training for students.
 - It is useful for curriculum designing and to strengthen the weakness of the students and finally to bridge the gap between industry and the academics.
- **Teacher Feedback:**
 - Teacher Feedback is useful for enhancing the facilities provided for the faculty to encourage towards research & for professional growth.

CRITERION II -TEACHING-LEARNING AND EVALUATION

2.1 Student Enrolment and Profile

2.1.1 Demand Ratio during the year

Name of the Programme	Number of seats available	Number of applications received	Students Enrolled
UG-B.TECH	1080	1080	1023

2.2 Catering to Student Diversity

2.2.1. Student - Full time teacher ratio (current year data)

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of full time teachers available in the institution teaching only UG courses	Number of full time teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2017-18	3404	33	183	06	25

2.3 Teaching - Learning Process

2.3.1 Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)

Number of teachers on roll	Number of teachers using ICT (LMS, e-Resources)	ICT tools and resources available	Number of ICT enabled classrooms	Number of smart classrooms	E-resources and techniques used
215	178	LCD Projector, Wi-fi, Internet	39	12	MOODLE, NPTEL, Digital Library

2.3.2 Students mentoring system available in the institution? Give details. (maximum 500 words)

- The Institute has a well defined mentoring system in which each faculty is assigned 15-20 students for the continuous monitoring and development of the each student.

- Mentoring system is designed with a view to enhance the student- teacher interaction, besides helping them in their academic and personal problems.
- It makes the learning process a pleasant experience for them and thereby strengthens the teaching-learning process.
- The mentor acts as the campus guardian, mentor and guide to all those students assigned to him/her and keeps a record of their academic performance, attendance, academic & personal problems, if any, by maintaining informal interaction with them and their parents.
- Student's academic counselling is done two times in a semester and counselling for attendance & personal problems, if any will be done for every 15 days.

The mentor can counsel in the following issues:

1. Attendance Polices
2. Academic Difficulty
3. Regular Courses and Value addition courses
4. Remedial classes
5. Evaluation and Assessment
6. Problems and Depression
7. Tools learning: Hardware & Software tools like simulation
8. Higher education: M.Tech./MS/Ph.D/MBA in India and abroad
9. Placements: Eligibility for UPSC/IT/CORE JOBS etc.
10. Language difficulties
11. Relationship concern
12. Financial concerns
13. Making new friends
14. Profession body activities such as IEEE/IETE/ACES/ISTE etc.,

(Paper presentation/seminar/ paper presentation/Workshop/ Technical Quiz, hardware expo, Training program, sports, guest lecture, NSS, etc.)

Counselling sessions are typically once per week for 20-50 minutes.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor: Mentee Ratio
3404	215	1:15

2.4 Teacher Profile and Quality

2.4.1 Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
42	42	Nil	Associate Professor, Assistant Professor	05

2.4.2 Honours and recognitions received by teachers

(received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year)

<i>Year of award</i>	<i>Name of full time teachers receiving awards from state level, national level, international level</i>	<i>Designation</i>	<i>Name of the award, fellowship, received from Government or recognized bodies</i>
2017	Sajja Ratan Kumar	Associate Professor	Faculty Excellence Award received from Infosys pvt. Ltd.
2018	Pritee Parwekar	Assistant Professor	Best Faculty of the Year received from CSI Mumbai TechNext India 2018
2017	Dr. K. Murali Krishna	Professor	Recognized as an outstanding reviewer by Elsevier pattern recognition letters in March 2018
2017	Mrs. P. Chaya Devi	Assistant Professor	Received Prof. K. V. Appa Rao Memorial Prize for her excellence academic performance (2013-2014) in Post Graduation (M.Tech) from Andhra University in 83rd & 84th Combined Convocation in 12th August 2017
2017	Mr. R. Chandramouli	Associate Professor	Outstanding Reviewer Award , Energy Conversion and management (International Journal)Elsevier
2017	Dr. B. N. D. Narasinga Rao	Professor	Dewang Mehta National Education Award
2017	Dr. Suresh Chittineni	Professor	Dewang Mehta National Education Award
2017	Dr. G Srinivas	Associate Professor	Recognized as an outstanding reviewer by Elsevier pattern recognition letters in March 2018
2017	Mrs. I S L Sarwani,	Assistant Professor	UGC NET Examination - 2017.

2017	Mrs. D Sailaja	Assistant Professor	UGC NET Examination - 2017.
2017	Mr. M V Kishore	Assistant Professor	UGC NET Examination - 2017.
2017	Mr. Ch Demudu Naidu,	Sr. Asst. Professor	Qualified in APSET Examination SET- TS & AP - 2017.
2017	Mrs. I S L Sarwani,	Asst. Professor	Got first rank in AURCET - 2017.

2.5 Evaluation Process and Reforms

2.5.1 Number of days from the date of semester-end/ year- end examination till the declaration of results during the year

Progra mme Name	Progra mme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
UG	B.Tech.	I/IV – 1 st Sem	15-12-2017	29-01-2018
UG	B.Tech.	II/IV – 1 st Sem	18-11-2017	06-01-2018
UG	B.Tech.	III/IV – 1 st Sem	17-11-2017	27-12-2017
UG	B.Tech.	IV/IV – 1 st Sem	25-11-2017	20-02-2018
UG	B.Tech.	I/IV – 2 nd Sem	16-05-2018	21-06-2018
UG	B.Tech.	II/IV – 2 nd Sem	23-04-2018	15-06-2018
UG	B.Tech.	III/IV – 2 nd Sem	24-04-2018	06-07-2018
UG	B.Tech.	IV/IV – 2 nd Sem	07-04-2018	04-06-2018

2.5.2 Average percentage of Student complaints/grievances about evaluation against total number appeared in the examinations during the year

**Do not include re-evaluation/ re-totalling*

Number of complaints or grievances about evaluation	Total number of students appeared in the examination	Percentage

2.6 Student Performance and Learning Outcomes

2.6.1 Program outcomes, program specific outcomes and course outcomes for all programs offered by the institution are stated and displayed in website of the institution (to provide the web link)

<http://anits.edu.in/>

2.6.2 Pass percentage of students

Progra mme Code	Progra mme name	Number of students appeared in the final year examination	Number of students passed in final Semester /year examination	Pass Percentage
B.Tech	CSE	137	130	75.91
B.Tech	ECE	202	152	76.21
B.Tech	EEE	181	130	71.82
B.Tech	Mech.	197	110	55.84
B.Tech	Civil	68	62	69.12
B.Tech	IT	55	53	74.07
B.Tech	Chem.	35	19	54.29

2.7 Student Satisfaction Survey

2.7.1 Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design the

questionnaire) (results and details be provided as web link)
 Yes, we are taking the exit feedback from the passed out students in hard copy format.

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 Promotion of Research and Facilities

3.1.1 The institution provides seed money to its teachers for research,

No. if yes give details

Name of the teacher getting seed money	The amount of seed money	Year of receiving grant	Duration of the grant

3.1.2 Teachers awarded National/International fellowship for advanced studies/ research during the year

	Name of the teacher awarded the fellowship	Name of the Award	Date of Award	Awarding Agency
National	S.R.MISRA	Ph.D	June 2017	ANITS/NIT DURGAPUR (QIP)
International	Dr. Suresh Chittineni	Outstanding reviewer by Elsevier pattern recognition letters	March 2018	Elsevier
	Dr G Srinivas	Outstanding reviewer by Elsevier pattern recognition letters	March 2018	Elsevier

3.2 Resource Mobilization for Research

3.2.1 Research funds sanctioned and received from various agencies, industry and other organisations

Nature of the Project	Duration	Name of the funding Agency	Total grant sanctioned	Amount received during the year
Major projects	2015-18	UGC	12,39,100	2,98,540
Minor Projects	2017-19	UGC	3,10,000	2,05,000
	2017-19	UGC	2,14,500	1,50,000
Interdisciplinary Projects	--	--	--	--
Industry sponsored Projects	--	--	--	--
Projects sponsored by the University/ College	--	--	--	--
Students Research Projects (other than compulsory by the College)	--	--	--	--
International Projects	---	--	--	--
Any other(Specify)	2017-18	AICTE, MODROBS	12,00,000	12,00,000
	2017-18	AICTE-SEMINAR GRANT	1,00,000	1,00,000
	2017-18	AICTE-TRAVEL GRANT	1,50,000	1,50,000
	2018-20	AICTE, MODROBS	12,00,000	9,60,000
Total			44,13,600	30,63,540

3.2.2 Number of ongoing research projects per teacher funded by government and non-government agencies during the years

02

3.3 Innovation Ecosystem

3.3.1 Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the year

Title of Workshop/Seminar	Name of the Dept.	Date(s)
IPR and its applications	Chemical	22-09-2017

3.3.2 Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation	Name of the Awardee	Awarding Agency	Date of Award	Category
CSI Best Student Chapter Award	ANITS CSE	CSI	2017	Student Chapter
TCS Code Vita	Abhishek T	TCS	27-10-2017	Coding Contest
Vitusa Neural hack Challenge	Abhishek T	Virtusa Pvt ltd, Chennai	28-9-2017	Coding contest
Air Touch	Mr. N. Sandeep	EJIVE 2K18 -Pragati Engineering College, East Godavari, A.P	06-03-2018	2 nd prize in Project expo
Air Touch	Mr. N. Sandeep Mr. U. Rajesh Naidu	Pragati Engineering College, East Godavari, A.P	07-03- 2018	2 nd prize in Project expo
Smart Village	Mr. M. Vamsi Krishna, Mr. M.N. Manikanta Mr. S.V. Mani kanta Gupta, Mr. U. Rajesh Naidu	EKATHRA- Gayatri Vidya Parishad College of Engineering, VSP, A.P	08-03-2018	1 st prize in Hardware expo
Accident Detection Alert System	Mr. T. Raj Preetham Mr. T. Aravind Varma	Chaitanyam 2018- Chaitanya Engineering College, VSP, A.P	14-03-2018	2 nd prize in project expo
Smart Village	Mr. M. N. Manikanta Mr. S. V. Mani kanta Gupta, Mr. U. Rajesh Naidu Ms. Y. Sunanda Devi	ESPAK 2K18-University college of Engineering, JNTU Kakinada, A.P	24-02-2018	1 st place in Hardware Project Expo
Chess	Ms. T. Suma Ms. M. Lalitha,	Inter College Chess Championship, Andhra University, VSP, A.P	11-10-2017	1 st Prize
Chess	Mr. T. Manikanta	Inter College Chess Championship, Andhra University, VSP, A.P	11-10-2017	3 rd Prize

3.3.3 No. of Incubation centre created, start-ups incubated on campus during the year			
Incubation Centre	Name	Sponsored by	
01	CIED	ANITS Management	
Name of the Start-up	Nature of Start-up	Date of commencement	
NIL	NIL	NIL	
3.4 Research Publications and Awards			
3.4.1 Ph. Ds awarded during the year			
Name of the Department	No. of Ph. Ds Awarded		
ECE	01		
English & Humanities	01		
Chemistry	01		
Physics	03		
3.4.2 Research Publications in the Journals notified on UGC website during the year			
	Department	No. of Publication	Average Impact Factor, if any
National	CSE	NIL	-
International		56	3.5
National	ECE	NIL	-
International		20	-
National	EEE	NIL	---
International		14	4.525
National	MECH	10	-
International		30	-
National	CHEM	NIL	-
International		01	4.01
National	IT	NIL	-
International		15	-
National	CIV	NIL	-
International		12	5.31
National	English & Humanities	NIL	-
International		06	4.675
National	Physics	NIL	-
International		15	2.337
National	Chemistry	NIL	-
International		08	-
National	Mathematics	NIL	-
International		10	2.0
3.4.3 Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year			
Department	No. of publication		
CSE	Book -01 2 papers presented in conference per teacher		
ECE	Book -01 National/International Conference - 13		
MECH	National/International Conference – 03		
CIV	National/International Conference – 03		
IT	Book -01 National/International Conference – 08		
English & Humanities	National/International Conference – 02		
Physics	National/International Conference – 07		
Mathematics	National/International Conference – 05		

3.4.4 Patents published/awarded during the year						
Patent Details	Patent status Published/ Filed			Patent Number	Date of Award	
NIL	NIL			NIL	NIL	
3.4.5 Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or Pub Med/ Indian Citation Index						
Title of the paper	Name of the author	Title of the journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citations
A Study of Classification of Data Mining Techniques in Health Related Research	Dr. R. Siva ranjani	International journal of Innovative Research in Computer and Communication Engineering	2017	IC	Anil Neerukonda Institute of Technology and sciences	0
Heart-Disease Risk Prediction Using pre-processing and classification of Pattern Data,	Dr. R. Siva ranjani	International journal of Innovative Research in Computer and Communication Engineering	2017	IC	Anil Neerukonda Institute of Technology and sciences	0
A Novel Approach on Secure Data Transfer for General Transactions using Secret Sharing Scheme	J .Sharmila	International Journal of Computer Applications	2017	IC	Anil Neerukonda Institute of Technology and sciences	0
Notify Me Application	Pritee Parwekar	International Journal of Innovations & Advancement in Computer Science	2017	DIIF, GS	Anil Neerukonda Institute of Technology and sciences	0
An Improved Scheme of Optical Character Recognition Algorithm,	T. Kranthi	International Journal of Innovations in Engineering and Technology	2017	GS, IC, ICI	Anil Neerukonda Institute of Technology and sciences	0
Comparison of Different Classification Techniques using WEKA for Diabetic Diagnosis,	SVSS Lakshmi	International journal of Innovative Research in Computer and Communication Engineering	2018	IC	Anil Neerukonda Institute of Technology and sciences	0
Face	B. Ravi Kiran	International	2017		Anil Neerukonda	0

Recognition Using Enhanced Gradient Patterns,		Journal of Innovative Research in Computer and Communication Engineering			Institute of Technology and sciences	
Face Recognition Techniques: A Survey,	B. Ravi Kiran	International Journal of Innovative Research in Computer and Communication Engineering	2017		Anil Neerukonda Institute of Technology and sciences	0
Feature Vectors Generation for Mammogram Classification based on 2-D GLCM matrix,	Dr. T. K. Mishra	International Journal of Engineering Research in Computer Science and Engineering	2017		Anil Neerukonda Institute of Technology and sciences	0
Probability Rule base Clustering approach for Heart disease Risk Prediction,	Dr. T. K. Mishra	International Journal of Electrical and Computer Engineering			Anil Neerukonda Institute of Technology and sciences	0
Comparative Study of Classification Algorithms In Sentiment Analysis,	N. Lokeswari	International Journal of Scientific Research in Science, Engineering and Technology	2018	GS, IC,UGC	Anil Neerukonda Institute of Technology and sciences	0
Sentiment Analysis on Tweets,	K. Amaravathi	International Journal of Scientific Research in Science, Engineering and Technology	2018	DRJI, GS,IC UGC	Anil Neerukonda Institute of Technology and sciences	0
Block chain evolution - a survey paper	SSNL Priyanka	International Journal of Scientific Research in Science, Engineering and Technology	2018	DRJI, GS, IC,UGC	Anil Neerukonda Institute of Technology and sciences	0
SodhanaRef: a reference management software built using hybrid semantic measure,	M. Kranthi Kiran	International Journal of Engineering & Technology	2018	SCOPUS ,DOAJ	Anil Neerukonda Institute of Technology and sciences	0
A Comparative study of classification algorithms on spam detection,	G.V. Gayathri	IJRASET	2018		Anil Neerukonda Institute of Technology and sciences	0
Offline Forgery Detection Of Handwritten	G. Gowri Pushpa	International Journal of Advance	2018	DOAJ, DRJI,IC	Anil Neerukonda Institute of Technology and	

Signature Using Gaussian Empirical Rule		Engineering and Research Development			sciences	0
In Situ Data Assessment: An Offline Tool for Viewing Argo Data and Data Products,	Keerthi Lingam	International Journal of Advanced Research in Computer and Communication Engineering	2017	GS	Anil Neerukonda Institute of Technology and sciences	0
Depth Estimation for SVM using Image,	G. Gowri Pushpa	International Journal for Research in Applied Science & Engineering Technology	2018	IC	Anil Neerukonda Institute of Technology and sciences	0
Automated Essay Scoring Using Feature Extraction Method,	K.S. Deepthi	International Journal of Current Advanced Research	2018	IC	Anil Neerukonda Institute of Technology and sciences	0
Automated line following, collision avoiding material object transfer with facial recognition and audio interface-vision and blue print,	G. Gayatri	International Journal Of Innovative Research In Computer And Communication Engineering	2018		Anil Neerukonda Institute of Technology and sciences	0
Reinforcement Of Routing Performance In Wsn Through Dynamic Programming	T. Anitha	International Journal of Advance Engineering And Research Development	2018		Anil Neerukonda Institute of Technology and sciences	0
Recommending Based on Analysis of User's Behaviour in An E-Commerce Website,	B. Siva Jyothi	International Journal of Computer Sciences and Engineering	2018		Anil Neerukonda Institute of Technology and sciences	0
Support Vector Machine with K-fold Cross Validation Model for Software Fault Prediction,	Dr. M. Ramakrishna Murthy	International Journal of Pure and Applied Mathematics	2018	Scopus	Anil Neerukonda Institute of Technology and sciences	0
Efficient Frequent Pattern Mining using Particle Swarm Optimization,	Dr. M. Ramakrishna Murthy	International Journal of Applied Engineering Research	2017	Scopus	Anil Neerukonda Institute of Technology and sciences	0
The Energy efficient routing	G. Eshwar	International Journal of		DOAJ,GS	Anil Neerukonda Institute of	

and high security transmission in MANETs in Ad-Hoc Networks		Computer Science and Technology	2018		Technology and sciences	0
Environmental Observation using Wireless Sensing Element Networks supported IOT	G. Sathar	International Journal Of Engineering Science and Advanced Technology	2018	IC	Anil Neerukonda Institute of Technology and sciences	0
Network Packet Capturing and Incidence Response Planning to Avoid ransom ware,	V. Usha Bala	SSRG International Journal of Computer Science and Engineering(SSR D-IJCSE)	2018	GS	Anil Neerukonda Institute of Technology and sciences	0
Sentiment Analysis On movie Reviews,	S. Prathap	International Journal of Scientific Research in Science , Engineering and Technology	2018	GS, IC	Anil Neerukonda Institute of Technology and sciences	0
Probability Rule base Clustering Approach for Heart Disease Risk Prediction,	K. Chandrasekhar	International Journal of Computer Applications	2018	GS	Anil Neerukonda Institute of Technology and sciences	0
Detecting Bots inside a Host using Network Behavior Analysis,	Seshadri Rao Chinta	International Journal of Computer Applications	2018	GS	Anil Neerukonda Institute of Technology and sciences	0
A Comparative study of Data classification techniques for coronary artery disease	P. Vinod Babu	International Journal of Scientific Research in Science, Engineering and Technology		DRJI, GS, IC	Anil Neerukonda Institute of Technology and sciences	0
Weather Prediction with Data Mining Techniques,	A. Nagaratnam	International Journal of Scientific Research in Science, Engineering and Technology	2018	DRJI, GS, IC	Anil Neerukonda Institute of Technology and sciences	0
A Predictive Analysis of Heart Diseases and Diabetes using Adaptive Modified Back	A. Nagaratnam	International Journal Of Engineering and Technology	2018	Scopus	Anil Neerukonda Institute of Technology and sciences	0

Propagation						
Currency Recognition using SIFT,	S. A. Bhavani	International Journal of Computer Applications	2017	GS	Anil Neerukonda Institute of Technology and sciences	0
A Survey on Range-Based and Range-Free Localization Techniques,	Pritee Parwekar	International Journal of Innovations & Advancement in Computer Science	2017	DIIF, GS	Anil Neerukonda Institute of Technology and sciences	0
Specific absorption rate reduction using EBG Structure as superstrate for textiles antenna	Dr. V. Rajyalakshmi	International Research journal ARPN Journal of Engineering and Applied sciences	2018	Scopus, UGC	Anil Neerukonda Institute of Technology and sciences	0
Investigations on wavelet and Fourier transform based channel estimation in MIMO-OFDM system	Dr. B. Somasekhar	International Journal of Engineering & Technology	2018	Scopus	Anil Neerukonda Institute of Technology and sciences	0
WDP Analysis for Mobility in Next Generation Heterogeneous Wireless Networks	Mr. A. Lakshmi Narayana	Journal of Advanced Research in Dynamical and Control Systems	2018	Scopus, UGC	Anil Neerukonda Institute of Technology and sciences	0
Estimation of Surface Roughness Parameters Using Image Feature Extraction	Mr. J. Bhaskara Rao	Journal of Advanced Research in Dynamical and Control Systems	2018	Scopus, UGC	Anil Neerukonda Institute of Technology and sciences	0
Design and analysis of a novel dual trapezoidal slot-based rectangular micro strip antenna for wide area network using WiMax application	Mr.G. Viswanadh Raviteja	Wiley online library- Microwave and Optical Technology Letters	2018	SCI, WOS Scopus, UGC	Anil Neerukonda Institute of Technology and sciences	0
A Space Frequency Block Coded MIMO OFDM Channel Estimation Under Various Schemes of Modulation	Dr. K. Murali Krishna	Journal of Advanced Research in Dynamical and Control Systems	2017	Scopus, UGC	Anil Neerukonda Institute of Technology and sciences	0

With Rayleigh, AWGN Channel States						
Design Optimization of Radar Absorbing Materials Using Particle Swarm Optimization	Mr. S. Balarama Murthy	International Journal of Applied Metaheuristic Computing	2017	WOS, Scopus	Anil Neerukonda Institute of Technology and sciences	0
Improved Wire Length-Driven Placement Technique for Minimizing Wire Length, Area and Timing	Mr. S. Srinivas	Journal of Low Power Electronics	2017	SCI, Scopus, UGC	Anil Neerukonda Institute of Technology and sciences	0
Three-Phase Three-Switch Two-Level Unidirectional PWM Rectifier using artificial neural networks	Mr. V. Anil Kumar, Mr. A. Dhanamjaya Apparao	International Journal of Creative Research Thoughts (IJCRT)	2017		Anil Neerukonda Institute of Technology and sciences	0
Sensor less Induction Motor based on Model reference Adaptive Systems (MRAS) Simulation	Mr. Kottala Kiran Kumar	International Journal of Emerging Technologies and Innovative Research	2017		Anil Neerukonda Institute of Technology and sciences	0
Direct Torque and Flux Control of Induction Motor for Two Level Inverter	Mrs. V. Rangavalli and Mrs. K. Lavanya	International Journal for Science and Advance Research in Technology	2017		Anil Neerukonda Institute of Technology and sciences	0
Simulation of Three Phase SVPWM & SPWM Inverters using Simulink	Mrs. K. Lavanya and Mrs. V. Rangavalli	International Journal for Science and Advance Research in Technology	2017		Anil Neerukonda Institute of Technology and sciences	0
Input Power Factor Correction in Single phase AC-DC circuit using Parallel Boost Converter	Mr. N. Kiran and Mr. A. Dhanamjaya Apparao	International Journal for Research in Applied Science and Engineering Technology	2017		Anil Neerukonda Institute of Technology and sciences	0
Charging Of An Electric Vehicle Through Grid	Mr. B. Tulasi Rao	International Journal of Emerging Technologies and Innovative Research	2017		Anil Neerukonda Institute of Technology and sciences	0
Performance of PMSM Using	Mrs. K. Lavanya	International Journal for	2017		Anil Neerukonda Institute of	0

SVPWM Technique for 2-Level Inverter		Research in Applied Science & Engineering Technology			Technology and sciences	
Speed Control of Switched Reluctance Motor by Fuzzy PI Current Controller and State Space Modelling of Switched Reluctance Motor	Ms. D. Srilakshmi and Mr. K. Trinadhababu	International Journal of Latest Trends in Engineering and Technology	2017		Anil Neerukonda Institute of Technology and sciences	0
Power Quality Improvement using Shunt Active Power Filter Operating With Unbalanced Loads	Mr. E. Appanna and Mr. B. Tulasi Rao	International Journal of Creative Research Thoughts	2017		Anil Neerukonda Institute of Technology and sciences	0
Comparative Analysis of Buck Converter using PID/Fuzzy/ Sliding Mode Controller	Mr. G.N.V. Mohan	International Journal of Creative Research Thoughts	2017		Anil Neerukonda Institute of Technology and sciences	0
Dual Boost Converter Design For Harmonic Reduction	Mr. J. Uday Venkatesh	International Journal of Creative Research Thoughts	2017		Anil Neerukonda Institute of Technology and sciences	0
Simulation of Integrated Distributed Generation for Unbalanced Loading	Mr. L. Dinesh	International Journal of Creative Research Thoughts	2017		Anil Neerukonda Institute of Technology and sciences	0
Design of Custom Power Device for Current Harmonic Compensation using Hysteresis Controller	Mr. M. Divakar	International Journal of Creative Research Thoughts	2017		Anil Neerukonda Institute of Technology and sciences	0
Electric Vehicle to Grid Integration	Mr. P. Naresh Kumar and Mr. B. Tulasi Rao	International Journal for Innovative Research in Electrical, Electronics, Instrumentation and Control Engineering	2017		Anil Neerukonda Institute of Technology and sciences	0
A Simple Load	Mr. R. Satish	International	2017		Anil Neerukonda	0

Flow Technique for Unbalanced Distribution Networks		Journal for Innovative Research in Electrical, Electronics, Instrumentation and Control Engineering			Institute of Technology and sciences	
Power quality improvement using active power filter	Mr. R.V.L.N. Diwakar	International Journal of Emerging Technologies and Innovative Research	2017		Anil Neerukonda Institute of Technology and sciences	0
Feasibility Analysis of Stand Alone Renewable Energy Systems in Remote Islands using HOMER	Mr. L. Phani Raghav	International Journal of Creative Research Thoughts	2017		Anil Neerukonda Institute of Technology and sciences	0
A novel operating strategy for unscheduled interchange price based automatic generation control	Mr. V. Murali	International Journal of Energy Technology & Policy	2017	Scopus	Anil Neerukonda Institute of Technology and sciences	0
Price based fuzzy automatic generation control for Indian tariff system	Mr. V. Murali	International Journal of Energy Systems	2017	Scopus	Anil Neerukonda Institute of Technology and sciences	0
Design of intelligent controller for reduction of chattering phenomenon in robotic arm: A rapid prototyping	Mrs. K.V.R. Swathi	Computers and Electrical Engineering	2017	Scopus	Anil Neerukonda Institute of Technology and sciences	0
Reduced order Modelling of Linearized Power Electronic Circuit	Mr. Ch. V. N. Raja	Innovative Engineering and Physical Sciences	2017	Scopus	Anil Neerukonda Institute of Technology and sciences	0
Design and Implementation of Fuzzy Logic Controller for Autonomous Underwater Vehicle	Dr. G. Raja Rao	International Journal for Innovative Research in Electrical, Electronics, Instrumentation and Control	2017		Anil Neerukonda Institute of Technology and sciences	0

		Engineering				
Optimal Placement of PMUs using Binary Particle Swarm Optimization with Reduced Search Space	Dr. J. Vijaya Kumar	International Journal of Pure and Applied Mathematics	2017	Scopus	Anil Neerukonda Institute of Technology and sciences	0
Control of Permanent Magnet Synchronous Motor Using Sliding Mode Reaching Law Method	Mrs. T.V. Subhashini and Mrs. K. Lavanya	International Journal for Science and Advance Research In Technology	2017		Anil Neerukonda Institute of Technology and sciences	0
Maximum Power Point Tracking Of Photovoltaic Module Using Golden Section Search Method	B. Rajasekhar	International Journal of Engineering and Technology (IJET)	2017		Anil Neerukonda Institute of Technology and sciences	0
Speed control of switched reluctance motor by fuzzy pi current controller and state space modelling of switched reluctance motor	Mr. K Trinadh Babu and Ms. Sri Lakshmi Davuluri	International Journal of Latest Trends in Engineering and Technology	2017		Anil Neerukonda Institute of Technology and sciences	0
Speed control of BLDC motor using PID controller and fuzzy PID controller	Ms. Sri Lakshmi Davuluri and Mr. K Trinadh Babu	International Journal of Latest Trends in Engineering and Technology	2017		Anil Neerukonda Institute of Technology and sciences	0
Closed Loop Control of Synchronous Buck Converter with PID Controller for Low Voltage High Current Applications	Mr. S. Harish and Mr. M. Sudheer Kumar	ISST Journal of Electrical & Electronic Engineering	2017		Anil Neerukonda Institute of Technology and sciences	0
Comparison of transformer and Transformer less DC-DC Converter for Medium Power Applications	Mr. M. Sudheer Kumar and Mr. S. Harish	International Journal of Creative Research Thoughts	2017		Anil Neerukonda Institute of Technology and sciences	0
A New	A. V. Praveen	Lecture Notes In	2017		Anil Neerukonda	0

Development Methodology for High Precision ISP		Electrical Engineering- Springer			Institute of Technology and sciences	
Studies on Tribological properties of SiC and Fly Ash reinforced glass fiber epoxy composites	Dr. B. Naga Raju	International Journal of Mechanical Engineering & Technology	2017	Scopus	Anil Neerukonda Institute of Technology & Sciences	Nil
Effect of pulse current micro plasma arc welding parameters on pitting corrosion rate of AISI321 sheets in 3.5 n NACL medium	Dr. Kondapalli Siva Prasad, Chalamalasetti Srinivasa Rao	Journal of Mechanical Engineering and Technology	2017	Indian citation Index	Anil Neerukonda Institute of Technology & Sciences	Nil
Critical review on design of rolling process	Dr. Kondapalli Siva Prasad, M. Lalitha Kavya	Journal of Mechanical Engineering and Technology	2017	Indian citation Index	Anil Neerukonda Institute of Technology & Sciences	Nil
Valuation of growth kinetics of Chromo bacterium violaceum and Antimicrobial activity of violaceum	Dr. P. Mary Anupama	International Journal of Cell Biology and Cellular Process	2017		Anil Neerukonda Institute of Technology & Sciences	Nil
Computational Studies to establish the broad range potentiality of violaceum- The Anti cancerous Drug	Dr. P. Mary Anupama	IOSR Journal of Biotechnology and Biochemistry	2017		Anil Neerukonda Institute of Technology & Sciences	Nil
Geotechnical Properties of Parwada Fly ash and Thagarapuvalas a soil Mixtures for Use in Highway Embankments	Dr. B.N.D. Narasinga Rao	International Journal of Basic and Applied Research	2017	UGC	Anil Neerukonda Institute of Technology and sciences	
Application of the Affine Theorem to an Orthotropic Rectangular Reinforced Concrete Slab Having a interior Corner	J. Vikranth	International Journal of Engineering Research & Technology	2017	GS	Anil Neerukonda Institute of Technology and sciences	

Opening						
Application of the affine theorem to an orthotropic rectangular reinforced concrete slab continuous over one long side and simply supported on other three sides having an interior corner opening	J. Vikranth	International journal of Advanced in Management, Technology & Engineering Sciences	2017	UGC	Anil Neerukonda Institute of Technology and sciences	0
Comparative Study of Pre Engineered and Conventional Steel Building	MKSSK Chaitanya	International journal of Advanced in Management, Technology & Engineering Sciences	2017	UGC	Anil Neerukonda Institute of Technology and sciences	0
A Study on Effective Use of Plastic Waste in Flexible Pavements	T. Kiran Kumar	International journal of Advanced in Management, Technology & Engineering Sciences	2017	UGC	Anil Neerukonda Institute of Technology and sciences	
Multivariate Statistical Analysis of Godavari River Water Quality for Irrigation Purpose at Rajahmundry & Dhawaleswaram	P. V. R. Sravya	International Journal of Civil, Structural, Environmental and Infrastructural Engineering Research and Development	2017	GS	Anil Neerukonda Institute of Technology and sciences	0
A Review on integrated Solid Waste Management in Visakhapatnam City	J. Harsha Vardhana Reddy	International journal of Advanced in Management, Technology & Engineering Sciences	2017	UGC	Anil Neerukonda Institute of Technology and sciences	0
Study on Glass Fiber Reinforced Fly Ash Concrete	K. Suryanarayana	International journal of Advanced in Management, Technology & Engineering Sciences	2017	UGC	Anil Neerukonda Institute of Technology and sciences	0
Experimental study of Copper slag on mechanical properties of concrete	Ch. Srinivas	International journal of Applied Engineering Research	2017	UGC	Anil Neerukonda Institute of Technology and sciences	
Experimental	Ch. Srinivas	International	2017	UGC	Anil Neerukonda	0

Study on mechanical properties of concrete by partially replacing cement with GGBS and fine aggregate with copper slag		journal of Advanced in Management, Technology & Engineering Sciences			Institute of Technology and sciences	
Rooftop Rain Water Harvesting Technique for ANITS Campus	M. Premchand	Journal of Emerging Technologies and Innovative Research	2017	UGC	Anil Neerukonda Institute of Technology and sciences	0
A Parametric Study on Black Cotton Soil Stabilized Using Rice Husk Ash	P. Vandana Rao	International journal of Advanced in Management, Technology & Engineering Sciences	2017	UGC	Anil Neerukonda Institute of Technology and sciences	0
Planning and Design of Net-Zero Energy Residential Building	T. V. Viswa Teja	International journal of Advanced in Management, Technology & Engineering Sciences	2017	GS	Anil Neerukonda Institute of Technology and sciences	0
Appraisal of Rock Flour as Frictional Fill Material for use in Reinforced Earth Structures	Ch. Vineel	SSRG International Journal of Civil Engineering	2017	GS	Anil Neerukonda Institute of Technology and sciences	0
Evaluation of Crusher Dust as Replacement of Filler in Concrete	Ch.Vineel	IOSR Journal of Engineering	2017	UGC	Anil Neerukonda Institute of Technology and sciences	0
Predictive and Stochastic Techniques for Software Reduction Orders with Bug Triage	V V S Sasank	IJRCCCT	2017		Anil Neerukonda Institute of Technology and sciences	0
Data Dimensions by Rank Cover tree Technique	V V S Sasank	IJMCA	2017		Anil Neerukonda Institute of Technology and sciences	0
Encrypting the Data in Cloud Computing	Prasadu Reddi	IJACIS	2017		Anil Neerukonda Institute of Technology and sciences	0
Grouping the ungrouped –A study to identify group's in DSL's	Sairam V	IJESM	2017		Anil Neerukonda Institute of Technology and sciences	0

Comparative analysis of Naïve Bayes algorithm and ID3 on predicting student's academic performance	Mrs.ISL Sarwani	IJCRT	2017		Anil Neerukonda Institute of Technology and sciences	0
Brain Tumour detection using watershed algorithms for MRI based Images	Mrs.ISL Sarwani	IJCRT	2017		Anil Neerukonda Institute of Technology and sciences	0
Characteristic mining of mathematical formulas from document – A Comparative study on sequence matcher and levenshte in distance procedure	Dr.G.Srinivas	IJCSE	2017		Anil Neerukonda Institute of Technology and sciences	0
Views, Experiences and uncertainties on the benefits of SPI from the Book-Software process improvement- Practiced Guidelines for Business Success	Prasadu Reddi	IJRASET	2017		Anil Neerukonda Institute of Technology and sciences	0
Efficient Frequent pattern Mining Particle Swarm Optimization	Dr. M. Ramakrishna Murthy	International Journal of Applied Engineering Research	2017	Scopus	Anil Neerukonda Institute of Technology and sciences	0
An Unbiased Privacy Sustaining Approach based on SGO for Distortion of Data Sets to Shield the Sensitive Patterns in Trading Alliances	Prof. Suresh Chittineni	SCI2018	2017	Scopus	Anil Neerukonda Institute of Technology and sciences	0
Classism and Social Marginalization in Globalization:	Dr. Serwani V. Swamy	International journal of English: Literature, Language and	2018		Anil Neerukonda Institute of Technology and sciences	0

Desai's The Inheritance of Loss		Skills –An Open Access Online Journal				
Women Entrepreneurs Access and Attitude towards Financial Services	Ms T. Deepa	Intercontinental Journal of Human Resource Research Review (IJHRRR), International Peer Reviewed Refereed Journal	2018		Anil Neerukonda Institute of Technology and sciences	0
Adversity Awaits Threshold Health and Education Concern in Tribal Women	Dr. A.A. Vijaya Jyothi	Gender Mainstreaming (Edited Book)	2018		Anil Neerukonda Institute of Technology and sciences	0
A Mirrored Image- Reflection and Retrospection In Lawrence Durrell's Justine	Dr. Meena Grace	International Journal Of English Language, Literature in Humanities (IJELLH)	2017		Anil Neerukonda Institute of Technology and sciences	0
Binary Identities and Contesting Cultures in Kiran Desai's The Inheritance of Loss	Dr.Serwani V. Swamy	The Common Wealth Review	2017		Anil Neerukonda Institute of Technology and sciences	0
Political Disillusionment and Cultural Enchantment in Lawrence Durrell's Mount olive: New Perspectives	Dr. Meena Grace	Research Journal of English Language and Literature (RJELAL)	2017		Anil Neerukonda Institute of Technology and sciences	0
Diasporic Dimension And Identity Issues In Jhumpa Lahiri's The Namesake	Md. Sabirunnisa Gouse	Indian Scholar: An International Multidisciplinary Research e- Journal	2017		Anil Neerukonda Institute of Technology and sciences	0
Investigations of the Zeta potential particle size and electrical properties of erbium doped SBLNM ceramics.	Dr.P.V.Chary	Journal of ferroelectrics	2017	SCI	Anil Neerukonda Institute of Technology and Sciences	0
A ferroelectric study on the effect of Lead barium niobate (PBN) ceramics	Dr.P.V.Chary	IJRSET	2017	SCI	Anil Neerukonda Institute of Technology and Sciences	0
Investigations	Dr B. Brahmaji	Journal of	2017	SCI	Anil Neerukonda	0

on Tb ³⁺ added Sulphamic acid single crystals and its photoluminescence studies for opto-electric devices		Science Advanced Materials			Institute of Technology and Sciences	
Optical emissions of Ce ³⁺ doped Sulphamic acid single crystals by low temperature unidirectional growth technique	Dr B. Brahmaji	Optical Materials	2017	SCI	Anil Neerukonda Institute of Technology and Sciences	2
Unique optical properties of Eu ³⁺ doped L-histidine hydrochloride mono hydrate single crystals from low temperature growth technique	Dr B.Brahmaji	Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy	2017	SCI	Anil Neerukonda Institute of Technology and Sciences	
Anomalous behaviour of ionosphere before strong earthquake	Dr T.Madhavi Latha	Indian Journal of physics	2017	SCI	Anil Neerukonda Institute of Technology and Sciences	0
Vibrational and electronic properties of 4-halomethyl-2-biphenylcarbonitrile compounds	Dr.Y. Bheemshankar	Journal of Molecular Structure	2017	SCI	Anil Neerukonda Institute of Technology and Sciences	0
Influence of sputtering power on physical properties of DC reactive magnetron sputtered Cr doped CdO thin films	Dr.B. Hymavathi,	Journal of Materials Science: Materials in Electronics	2017	Scopus & SCI	Anil Neerukonda Institute of Technology and Sciences	0
Thickness dependent optical dispersion parameters and nonlinear optical properties of nano structured Cr doped CdO	Dr B. Hymavathi,	Optical and Quantum Electronics,	2017	Scopus & SCI	Anil Neerukonda Institute of Technology and sciences	0

thin films						
X-ray peak profile analysis of solid state sintered alumina doped zinc oxide ceramics by Williamson-Hall and size-strain plot methods	Dr B. Hymavathi,	Journal of Asian Ceramic Society	2017	Scopus	Anil Neerukonda Institute of Technology and sciences	0
XRD and AFM studies on nano structured Zinc Aluminum Oxide thin films prepared by Multi-Target Magnetron sputtering	Dr B. Hymavathi,	Journal of Materials Science	2017	SCI	Anil Neerukonda Institute of Technology and sciences	0
Investigations on Physical Properties of Nano structured Cr doped CdO Thin Films Prepared by DC Reactive Magnetron Sputtering	Dr B. Hymavathi	Materials Today	2017	SCI	Anil Neerukonda Institute of Technology and sciences	0
Surface morphology and opto-electronic properties of nanostructured Cr doped CdO thin films for photovoltaics	Dr B. Hymavathi	Materials Today	2017	SCI	Anil Neerukonda Institute of Technology and sciences	0
Structural and optical properties of nanostructure Cu ₂ O thin films for optoelectronic devices	Dr B. Hymavathi	Materials Today	2017	SCI	Anil Neerukonda Institute of Technology and sciences	0
Micro structural and Raman spectroscopic analysis of Sb ₂ O ₃ doped ZnO composite semiconductor	Dr B. Hymavathi	Materials Today	2017	SCI	Anil Neerukonda Institute of Technology and sciences	0
Analytical Method Development And Validation For The	Mrs. U. Jyothi	European Journal of Biomedical and Pharmaceutical	2017	ICI	Anil Neerukonda Institute of Technology and sciences	0

Simultaneous Estimation Of Sofosbuvir And Velpatasvir Drug Product By Rp-Hplc Method						
synthesis of Fluorescent Acridinediones employing nanocopper ferrite as reusable catalyst	Mrs. R. Sarada	International journal of Chem Tech Research	2017	UGC	Anil Neerukonda Institute of Technology and sciences	0
A Facile Microwave Assisted Neat Synthesis of Bis- amides using Nano Nickel Copper Ferrite as Amicable catalyst and study of their Fluorescence Studies	Mrs. R. Sarada	Der Pharma Chemica	2017	UGC, Scopus	Anil Neerukonda Institute of Technology and sciences	0
Visible light Photocatalytic degradation of methylene blue and malachite green dyes with BaWO ₄ -GO Nanocomposites	Mr. R. Somasekhar	International Journal of Environment, Agriculture and Biotechnology	2017		Anil Neerukonda Institute of Technology and sciences	0
Effect of graphene oxide on nanotitania particles in visible light induced photocatalytic degradation of Congo red dye	Mr. R. Somasekhar	Journal of applicable chemistry	2017	UGC	Anil Neerukonda Institute of Technology and sciences	0
Inspiring Chemistry Education	Dr. M. Kalyana Chakravarthy	Journal of applicable chemistry	2017	UGC	Anil Neerukonda Institute of Technology and sciences	0
Kinetics and mechanism of oxidation of indigo carmine with Potassium Bromate-Effect of CTAB and SDS micelles	Dr. M. Kalyana Chakravarthy	International journal of chemical sciences	2017		Anil Neerukonda Institute of Technology and sciences	0
Kaluza-Klein Holographic Cosmological	Dr.G. Suryanarayana	International Journal of Pure and Applied	2017	Scopus	Anil Neerukonda Institute of Technology and	0

Model in Brans-Dicke Theory of Gravitation		Mathematics			sciences	
Calculation of Vibrational Spectra of Cu(TMP) : Vibration Model.	Prof.M.V. Subba Rao	Oriental Journal of Chemistry	2017	Scopus	Anil Neerukonda Institute of Technology and sciences	0
Vibrational Spectra of Carbonate Sulphate by U(2) Lie Algebraic Method	Prof.M.V. Subba Rao	Journal of Advances in Mathematics and Computer science,	2017		Anil Neerukonda Institute of Technology and sciences	0
Two-person zero-sum game problem solution : Integer simplex method	Prof.M.V. Subba Rao	International Journal of Mathematics and its Applications	2017		Anil Neerukonda Institute of Technology and sciences	0
Vibrational Frequencies of Water Isotopologues : Vibron Model.	Prof.M.V. Subba Rao	International Journal of Mathematics and its Applications	2017	Scopus	Anil Neerukonda Institute of Technology and sciences	0
A modified Holographic Ricci dark energy model in Lyra manifold in Bianchi type – V space – time	Prof.M.V. Subba Rao	Canadian Journal of physics	2017		Anil Neerukonda Institute of Technology and sciences	0
Efficient identify-based printed parallel key-insulated signature scheme using pairings over elliptic curves	Mr. A. Ramesh Babu	Journal of scientific and Industrial Research	2017	SCI	Anil Neerukonda Institute of Technology and sciences	0
LRS Bianchi Type-II modified holographic Ricci dark energy models in a scalar – tensor theory of gravitation	Prof. G. Ananda Rao	Journal of Dynamical systems and Geometric Theories	2017		Anil Neerukonda Institute of Technology and sciences	0
Axially symmetric anisotropic string cosmological models in Saez-Ballester theory of gravitation	Prof. G. Ananda Rao	Astrophysics Space Science	2017	SCI	Anil Neerukonda Institute of Technology and sciences	0

SCI-Science Citation Index, IC-Index Copernicus, GS-Google Scholar, ICI-Indian Citation Index, WOS- Web of Science
DOAJ-Director of Open Access Journal, DIIF-Director of Indexing Impact Factor, DRJI-Directory of Research Journal
Indexing,

3.4.6 h-index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the paper	Name of the author	Title of the journal	Year of publication	h-index	Number of citations excluding self citations	Institutional affiliation as mentioned in the publication
A Study of Classification of Data Mining Techniques in Health Related Research,	Dr.R. Sivaranjani	International journal of Innovative Research in Computer and Communication Engineering	2017	2	0	Anil Neerukonda Institute of Technology and sciences
A Study of Classification of Data Mining Techniques in Health Related Research,	Dr.T.K. Mishra	International journal of Innovative Research in Computer and Communication Engineering	2017	6	0	Anil Neerukonda Institute of Technology and sciences
Heart-Disease Risk Prediction Using pre-processing and classification of Pattern Data,	Dr.R. Sivaranjani	International journal of Innovative Research in Computer and Communication Engineering	2017	2	0	Anil Neerukonda Institute of Technology and sciences
Heart-Disease Risk Prediction Using pre-processing and classification of Pattern Data,	Dr.T.K. Mishra	International journal of Innovative Research in Computer and Communication Engineering	2017	6	0	Anil Neerukonda Institute of Technology and sciences
A Novel Approach on Secure Data Transfer for	G Jagadish	International Journal of Computer Applications	2017	1	0	Anil Neerukonda Institute of Technology and sciences

General Transactions using Secret Sharing Scheme,						
Notify Me Application	Pritee Parwekar	International Journal of Innovations & Advancement in Computer Science	2017	4	0	Anil Neerukonda Institute of Technology and sciences
An Improved Scheme of Optical Character Recognition Algorithm	G.Jagadish	International Journal of Innovations in Engineering and Technology	2017	1	0	Anil Neerukonda Institute of Technology and sciences
An Improved Scheme of Optical Character Recognition Algorithm,	G. Santoshi	International Journal of Innovations in Engineering and Technology	2017	2	0	Anil Neerukonda Institute of Technology and sciences
Comparison of Different Classification Techniques using WEKA for Diabetic Diagnosis,	SVSS Lakshmi	International journal of Innovative Research in Computer and Communication Engineering	2018	3	0	Anil Neerukonda Institute of Technology and sciences
Face Recognition Using Enhanced Gradient Patterns,	Dr.T.K. Mishra	International Journal of Innovative Research in Computer and Communication Engineering (IJRCCE)	2017	6	0	Anil Neerukonda Institute of Technology and sciences
Face Recognition Techniques : A Survey,	Dr.T.K. Mishra	International Journal of Innovative Research in Computer and Communication Engineering (IJRCCE)	2017	6	0	Anil Neerukonda Institute of Technology and sciences
Feature Vectors Generation for	Dr.T.K. Mishra	International Journal of Engineering Research in	2017	6	0	Anil Neerukonda Institute of Technology

Mammogram Classification based on 2-D GLCM matrix,		Computer Science and Engineering				and sciences
Probability Rule base Clustering approach for Heart disease Risk Prediction,	Dr.T.K. Mishra	International Journal of Electrical and Computer Engineering	2017	6	0	Anil Neerukonda Institute of Technology and sciences
Probability Rule base Clustering approach for Heart disease Risk Prediction,	Dr.R.Sivaranjani	International Journal of Electrical and Computer Engineering (IJECE)		2	0	Anil Neerukonda Institute of Technology and sciences
Comparative study of classification algorithms in sentiment analysis,	K Amaravathi	International Journal of Scientific Research in Science, Engineering and Technology	2018	1	0	Anil Neerukonda Institute of Technology and sciences
Sentiment analysis on tweets	K Amaravathi	International Journal of Scientific Research in Science, Engineering and Technology	May-18	1	0	Anil Neerukonda Institute of Technology and sciences
Blockchain evolution - a survey paper	A.Nagaratnam	International Journal of Scientific Research in Science, Engineering and Technology	May-18	1	0	Anil Neerukonda Institute of Technology and sciences
A Comparative study of classification algorithms on spam detection,	G.V.Gayathri	IJRASET	April 2018	1	0	Anil Neerukonda Institute of Technology and sciences
Offline forgery detection of handwritten signature using gaussian empirical rule,	G.Gowri Pushpa	(IJAERD)International Journal of Advance Engineering and Research Development	Apr-18	1	0	Anil Neerukonda Institute of Technology and sciences
Offline Forgery	G.Santoshi	International Journal of	Apr-18	2	0	Anil Neerukonda

Detection Of Handwritten Signature Using Gaussian Empirical Rule,		Advance Engineering and Research Development				Institute of Technology and sciences
Depth Estimation for SVM using Image,	G.Gowri Pushpa	International Journal for Research in Applied Science & Engineering Technology	May-18	1	0	Anil Neerukonda Institute of Technology and sciences
Depth Estimation for SVM using Image,	G.Santoshi	International Journal for Research in Applied Science & Engineering Technology	Volume 6, Issue 5, May 2018	2	0	Anil Neerukonda Institute of Technology and sciences
Automated Essay Scoring Using Feature Extraction Method,	K.S.Deepthi	International Journal of Current Advanced Research	Apr-18	2	0	Anil Neerukonda Institute of Technology and sciences
Automated Essay Scoring Using Feature Extraction Method,	SVSS Lakshmi	International Journal of Current Advanced Research	Apr-18	3	0	Anil Neerukonda Institute of Technology and sciences
Recommending Based On Analysis Of User'S Behaviour In An E-Commerce Website,	B.Siva Jyothi	International Journal Of Computer Sciences And Engineering	May-18	1	0	Anil Neerukonda Institute Of Technology And Sciences
Recommending Based On Analysis Of User'S Behaviour In An E-Commerce Website	G.V.Gayathri	International Journal Of Computer Sciences And Engineering	May-18	1	0	Anil Neerukonda Institute Of Technology And Sciences
Support Vector Machine With K-Fold Cross Validation Model For Software Fault	Dr.M. Ramakrishna Murthy	International Journal Of Pure And Applied Mathematics	2018,	4	0	Anil Neerukonda Institute Of Technology And Sciences

Prediction, Efficient Frequent Pattern Mining Using Particle Swarm Optimization,	Dr.M. Ramakrishna Murthy	International Journal Of Applied Engineering Research	2017,	4	0	Anil Neerukonda Institute Of Technology And Sciences
Network Packet Capturing And Incidence Response Planning To Avoid Ransomware,	V.Usha Bala	SSRG International Journal Of Computer Science And Engineering(SSRD -IJCSE)	2018	1	0	Anil Neerukonda Institute Of Technology And Sciences
Probability Rule Base Clustering Approach For Heart Disease Risk Prediction,	P. Naga Srinivasu	International Journal Of Computer Applications	June 2018	2	0	Anil Neerukonda Institute Of Technology And Sciences
Detecting Bots Inside A Host Using Network Behavior Analysis,	Seshadri Rao Chinta	International Journal Of Computer Applications	Jun-18	2	0	Anil Neerukonda Institute Of Technology And Sciences
Detecting Bots Inside A Host Using Network Behavior Analysis,	P.Vinod Babu	International Journal Of Computer Applications	Jun-18	3	0	Anil Neerukonda Institute Of Technology And Sciences
Detecting Bots Inside A Host Using Network Behavior Analysis,	P.N.Srinivas	International Journal Of Computer Applications	June 2018	2	0	Anil Neerukonda Institute Of Technology And Sciences
A Comparative Study Of Data Classification Techniques For Coronary Artery Disease	P.Vinod Babu	International Journal Of Scientific Research In Science,Engineering And Technology(IJSRS ET)		3	0	Anil Neerukonda Institute Of Technology And Sciences
Weather	A.	International	May-18	1	0	Anil

Prediction With Data Mining Techniques ,	Nagaratnam	Journal Of Scientific Research In Science,Engineering And Technology(IJSRS ET)				Neerukonda Institute Of Technology And Sciences
A Predictive Analysis Of Heart Diseases And Diabetes Using Adaptive Modified Back Propagation	A. Nagaratnam	International Journal Of Engineering And Technology	May-18	1	0	Anil Neerukonda Institute Of Technology And Sciences
A Survey On Range-Based And Range-Free Localization Techniques ,	Pritee Parwekar	International Journal Of Innovations & Advancement In Computer Science	Nov-17	4	0	Anil Neerukonda Institute Of Technology And Sciences
Investigations on performance of Wavelet and Fourier Transform based Channel Estimation in MIMO-OFDM System	Dr. B. Somasekhar	International Journal of Engineering & Technology	2018	2	0	Anil Neerukonda Institute Of Technology And Sciences
Prediction of weld pool geometry in pulsed current micro plasma arc welding of SS304L stainless steel sheets	Kondapalli siva prasad	International Transaction Journal of Engineering, Management & Applied Sciences & Technologies	2011	7	02	Anil Neerukonda Institute of Technology & Sciences
Application of grey relational analysis for optimizing weld bead	Kondapalli siva prasad	The International Journal of Advanced Manufacturing Technology	2015	7	07	Anil Neerukonda Institute of Technology & Sciences

geometry parameters of pulsed current micro plasma arc welded inconel 625 sheets						
Application of design of experiments to plasma arc welding process: a review	Kondapalli siva prasad	Journal of the Brazilian Society of Mechanical Sciences and Engineering	2012	7	03	Anil Neerukonda Institute of Technology & Sciences
Optimizing pulsed current micro plasma arc welding parameters to maximize ultimate tensile strength of Inconel625 Nickel alloy using response surface method	Kondapalli siva prasad	International Journal of Engineering, Science and Technology	2011	7	03	Anil Neerukonda Institute of Technology & Sciences
Establishing empirical relations to predict grain size and hardness of pulsed current micro plasma arc welded SS 304L sheets	Kondapalli siva prasad	American Transactions on Engineering & Applied Sciences	2012	7	01	Anil Neerukonda Institute of Technology & Sciences

An investigation on weld quality characteristics of pulsed current micro plasma arc welded austenitic stainless steels	Kondapalli siva prasad	International Journal of Engineering, Science and Technology	2012	7	01	Anil Neerukonda Institute of Technology & Sciences
A review on welding of AISI 304L austenitic stainless steel	Kondapalli siva prasad	Journal for Manufacturing Science and Production	2014	7	06	Anil Neerukonda Institute of Technology & Sciences
Study on weld quality characteristics of micro plasma arc welded austenitic stainless steels	Kondapalli siva prasad	Procedia Engineering	2014	7	03	Anil Neerukonda Institute of Technology & Sciences
Effect of process parameters of pulsed current micro plasma arc welding on weld pool geometry of Inconel 625 welds	Kondapalli siva prasad	Kovove Materialy-Metallic Materials	2012	7	01	Anil Neerukonda Institute of Technology & Sciences
Prediction of weld bead geometry in plasma arc welding using factorial design approach	Kondapalli Siva Prasad	Journal of Minerals and Materials Characterization and Engineering	2011	7	01	Anil Neerukonda Institute of Technology & Sciences

Effect of angle-of-turn on the performance of divided intake ducts	R. Chandramouli	Proceedings of the Institution of Mechanical Engineers, Part G: Journal of Aerospace Engineering	2004	3	01	IIT-DELHI
Performance evaluation of divided intake ducts: Effect of area ratio and inlet Reynolds number	R. Chandramouli	International journal of Fluid Mechanics Research	2003	3	01	IIT-DELHI
Energy and exergy based thermodynamic analysis of reheat and regenerative Braysson cycle	R. Chandramouli	Energy	2015	3	01	Anil Neerukonda Institute of Technology & Sciences
Parametric and optimization studies of reheat and regenerative Braysson cycle	R. Chandramouli	Energy	2015	3	02	Anil Neerukonda Institute of Technology & Sciences
Synthesis and characterization of high pure ZnO nanoparticles by conventional methods	B Naga Raju	International Journal of Nanotechnology and Applications	2010	2	01	Anil Neerukonda Institute of Technology & Sciences
Studies on tribological properties of zno filled polymer nanocomposites	B Naga Raju	ARPJ Eng Appl Sci	2011	2	08	Anil Neerukonda Institute of Technology & Sciences
Energy and exergy based thermodyna	M.S.S. Srinivasa Rao	Energy	2015	-	01	Anil Neerukonda Institute of Technology &

mic analysis of reheat and regenerative Braysson cycle						Sciences
Parametric and optimization studies of reheat and regenerative Braysson cycle	M.S.S. Srinivasa Rao	Energy	2015	-	02	Anil Neerukonda Institute of Technology & Sciences
Efficient Frequent pattern Mining Particle Swarm Optimization	Prof. Suresh Chittineni	International Journal of Applied Engineering Research	2017	4		Anil Neerukonda Institute of Technology & Sciences
Efficient Frequent pattern Mining Particle Swarm Optimization	Dr. M. Ramakrishna Murthy	International Journal of Applied Engineering Research	2017	5		Anil Neerukonda Institute of Technology & Sciences
Immigrant Identity, Nostalgia for Home and Home Land: A Perception in Chitra Banerjee Divakaruni's The Vine of Desire	Dr. G.Serwani V.Swamy	Research Scholar	2013	1	1	Anil Neerukonda Institute of Technology & Sciences

Optical emissions of Ce ³⁺ doped Sulphamic acid single crystals by low temperature unidirectional growth technique	Dr B.Brahmaji	Optical Materials	2017	2		Anil Neerukonda Institute of Technology & Sciences
Strategic bidding using fuzzy adaptive gravitational search algorithm in a pool based electricity market.	Dr. J. Vijaya Kumar	Applied Soft Computing, Elsevier	2013	10	10	NIT Warangal
Generation bidding strategy in a pool based electricity market using Shuffled Frog Leaping Algorithm	Dr. J. Vijaya Kumar	Applied Soft Computing, Elsevier	2014	10	10	NIT Warangal
Particle swarm optimization based optimal bidding strategy in an open electricity market	Dr. J. Vijaya Kumar	International Journal of Engineering Science and Technology	2011	10	2	NIT Warangal
Optimal Bidding Strategy in an Open Electricity Market using Genetic Algorithm	Dr. J. Vijaya Kumar	International Journal of Advances in Soft Computing Applications	2011	10	2	NIT Warangal
Fast and Real-Time Algorithm to Detect	Dr. J. Vijaya Kumar	International Journal of Computer Technology and	2017	10	1	ANITS

Impending Voltage Instability		Applications				
Bidding Strategy considering risk by Generating Companies in an Open Electricity Market using Particle Swarm Optimization	Dr. J. Vijaya Kumar	International Journal of Energy Engineering	2013	10	1	NIT Warangal
Binary Integer Linear Programming Method for Optimal Placement of PMU Considering Single Line or PMU Outage	Dr. J. Vijaya Kumar	International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering	2016	10	2	ANITS
Bidding Strategy of Generation Companies in a Competitive Electricity Market using Shuffled Frog Leaping Algorithm	Dr. J. Vijaya Kumar	Turkish Journal of Electrical Engineering and Computer Sciences	2013	10	1	NIT Warangal
Congestion Influence on Optimal Bidding in a Competitive Electricity Market using Particle Swarm Optimization	Dr. J. Vijaya Kumar	Majlesi Journal of Electrical Engineering	2011	9	0	NIT Warangal
Constrained Consensus In Hybrid	Dr. J. Vijaya Kumar	International Jour of Adv Research in Dynamical &	2018	9	0	ANITS

State Estimation In Wide Area Monitoring		Control Systems				
A Review on Applications of PMUs in Impedance-Based Fault Location in Transmission Lines	Dr. J. Vijaya Kumar	International Journal of Pure and Applied Mathematics	2017	9	0	ANITS
Optimal Placement of PMUs using Binary Particle Swarm Optimization with Reduced Search Space	Dr. J. Vijaya Kumar	Journal of Pure and Applied Mathematics	2017	9	0	ANITS
Optimal Bidding Strategy in a Pool type Electricity Market using Bacterial Foraging Algorithm	Dr. J. Vijaya Kumar	Journal of Electrical Systems	2012	9	0	NIT Warangal
Assessment of Market Power in Deregulated Electricity Market with Congestion	Dr. J. Vijaya Kumar	ACEEE International Journal on Electrical and Power Engineering	2011	9	0	NIT Warangal
Bidding Strategies for Generation Companies in a Day-ahead Market using Fuzzy Adaptive Particle Swarm	Dr. J. Vijaya Kumar	WSEAS Transactions on Power Systems	2012	9	0	NIT Warangal

Optimization						
Unit commitment based Bidding Strategies for Generation Companies using Adaptive Fuzzy Particle Swarm Optimization	Dr. J. Vijaya Kumar	International Journal of Energy	2012	9	0	NIT Warangal
A Literature Review on Strategic Bidding in an Open Access Electricity Market	Dr. J. Vijaya Kumar	International Review on Modelling and Simulations	2012	9	0	NIT Warangal
Influence of sputtering power on physical properties of DC reactive magnetron sputtered Cr doped CdO thin films	Dr. B. Hymavathi	Journal of materials Science: Materials in Electronics	2017	5		1 Anil Neerukonda Institute of Technology and Sciences
Thickness Dependent optical dispersion parameters and nonlinear optical properties of nanostructured Cr doped CdO thin films	Dr. B. Hymavathi	Optical and Quantum Electronics	2017	5	2	Anil Neerukonda Institute of Technology and Sciences
X-ray peak profile analysis of solid state sintered alumina	Dr. B. Hymavathi	Journal of Asian Ceramic Society	2017	5	8	Anil Neerukonda Institute of Technology and Sciences

doped zinc oxide ceramics by Williamson-Hall and size strain plot methods						
XRD and AFM studies on nanostructured zinc aluminium Oxide thin films prepared by multi-Target Magnetron sputtering	Dr. B. Hymavathi	Journal of Materials Sciences	2017	5	-	

3.4.7 Faculty participation in Seminars/Conferences and Symposia during the year :

No. of Faculty	International level	National level	State level	Local level
Attended Seminars/ Workshops	11	148	02	08
Presented papers	42	31	0	0
Resource Persons	02	05	04	04

3.5 Consultancy

3.5.1 Revenue generated from Consultancy during the year

Name of the Consultant(s) department	Name of Consultancy project	Consulting/Sponsoring Agency	Revenue generated (amount in rupees)
Civil Engineering	Geotechnical Investigations for Waste to Energy Power Plant at Kapuluppada Municipal Dump site, Visakhapatnam	M/s Jindal Urban Waste Management, Visakhapatnam	Rs. 1,17,150/-

3.5.2 Revenue generated from Corporate Training by the institution during the year

Name of the Consultant(s) & Department	Title of the Programme	Agency seeking training	Revenue generated (amount in rupees)	Number of trainees
Nil	Nil	Nil	Nil	Nil

3.6 Extension Activities

3.6.1 Number of extension and outreach programmes conducted in collaboration with industry, community and Non- Government Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during the year			
Title of the Activities	Organising unit/ agency/ collaborating agency	Number of teachers co-ordinated in such activities	Number of students participated in such activities
Fund Collection for Poor	ANITS	10	90
Swatch ANITS	ANITS	40	80
APJ Kalam Tribute	ANITS	38	110
NRI Blood Donation Camp	NRI Medical College	06	80
NRI Dental Camp	NRI Dental College	06	100
Medical Camp at NRI Medical college	NRI Medical College	30	160
Eco Ganesha Program	ANITS	3	15
Lions Club Blood Donation	LIONS CLUB	6	95
Elocution on role of youth on social initiative	ANITS	4	35
Fund collection for orphanage home	ANITS	30	250

3.6.2 Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the Activity	Award/recognition	Awarding bodies	No. of Students benefited
--	--	--	--

3.6.3 Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/ agency/ collaborating agency	Name of the activity	Number of teachers co-ordinated such activities	Number of students participated in such activities
Swachh Survekshan 2018	GVMC Visakhapatnam	Clean & Green Visakha	10	150

3.7 Collaborations

3.7.1 Number of Collaborative activities for research, faculty exchange, student exchange during the year

Nature of Activity	Participant	Source of financial support	Duration
--	--	--	--

3.7.2 Linkages with institutions/industries for internship, on-the-job training, project work, sharing of

research facilities etc. during the year				
Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration (From-To)	Participant
Project Internships In Third And Final Year B.Tech	Project Internships	Riktam Technologies	02-01-2018 to 28-04-2018	A.Sri Chandra
		Amazon Development Centre India	15-01-2017 to 20-04-2017	Manasa Singh
		Home Owners Association Alkilmia	15-01-2017 to 09-04-2017	K Sai Charan
		Click labs	06-01-2017 to 06-03-2017	K Kishan Kumar
		Amazon Development Centre India	15-01-2017 to 20-04-2017	Sampath sukesh
		Juspay Technologies Pvt. Ltd.	01-02-2018 to 01-08-2018	A.Sri Teja
		Amazon Development Centre India	15-01-2017 to 20-04-2017	T.Abhishek
		Ad3i Software Solutions Pvt. Ltd	12-02-2018 to 15-08-2018	Y.Yamuna
		Amazon Development Centre India	15-01-2017 to 20-04-2017	Abraham Akarsh
Technology Support		Ms/ Avantel Ltd., Plot No. 47/p, Sy. No. 141, APIIC Indl Park, Anandapuram Mandal, Gambheeram Village, Visakhapatnam-531163, Andhra Pradesh.	20-10-2016 - Till Date	Dr. V. Rajya Lakshmi, Mr. Vijay Kumar Mrs. M. Nirmala Mrs. B. Deepa Mr. Ravi Teja Mr. Devi Pradeep Mr. S. Srinivas
Project Work		Naval Science and Technological Laboratory N.A.D. New Road, Nad Junction, Sanjevaya Nagar, Visakhapatnam, Andhra Pradesh 530009		Ms. Reshma
Project Work		SAMEER-Centre for Electromagnetic Environmental Effects (CE3) Plot No.40, APIIC Industrial Park, NH-5, Gambheeram, Anandapuram, Visakhapatnam 531163, Andhra Pradesh, India		Ms.Anusha

3.7.3 MoUs signed with institutions of national, international importance, other institutions, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose and Activities	Number of students/teachers participated under MoUs
Ms/ Avantel Ltd., Visakhapatnam, A.P	20-10-2016	<ul style="list-style-type: none"> Exchange of Expertise, Technology Support Staff training 	<ul style="list-style-type: none"> 3 Faculty (Designing the product with the given specifications) 2Faculty (Training the employees of Avantel)
Efftronics Systems Pvt. Ltd. Vijayawada, A.P	20-02-2017	Exchange of Expertise, Student & Staff training, Technology Support Campus Recruitment	

M/s Process Engineers Group, HYD	08-12-2017	Workshops, Guest lectures, students training and projects	170
Metallic Bellows (I) Pvt Ltd	2014	Research	One Faculty
Builders Association of India (Visakhapatnam Chapter)	15-09-2014	The purpose of this MoU is to allow the BAI and ANITS to collaborate for industrial training, project works and placement related training of students of ANITS.	

CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 Physical Facilities

4.1.1 Budget allocation, excluding salary for infrastructure augmentation during the year

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development

4.1.2 Details of augmentation in infrastructure facilities during the year

Facilities	Existing	Newly added
Campus area		
Class rooms	61	06
Laboratories	53	01
Seminar Halls	04	01
Classrooms with LCD facilities	38	03
Classrooms with Wi-Fi/ LAN	55	NIL
Seminar halls with ICT facilities	04	NIL
Video Centre	NIL	NIL
No. of important equipments purchased (\geq 1-0 lakh) during the current year.	16	06
Value of the equipment purchased during the year (Rs. in Lakhs)	2145981	3652396
Others		3,04,981

4.2 Library as a Learning Resource

4.2.1 Library is automated {Integrated Library Management System (ILMS)}

Name of the ILMS software	Nature of automation (fully or partially)	Version	Year of automation
LIBSYS	Fully	4.0	2007

4.2.1 Library Services:

	Existing		Newly added			Total
	No.	Value	No.	Value	No.	Value
Text Books	28115	79,28,430	1867	9,18,564	29982	88,46,994
Reference Books	8085	22,84,671	69	33,711	8154	23,18,382
e-Books						
Journals						
e-Journals	656	19,56,165	-	-	656	19,56,165
Digital Database	02	86,500	02	84,370	02	1,70,870
CD & Video	2541	-	98	-	2639	-

Library automation						
Weeding (Hard & Soft)						
Others (specify) Bounded Volumes	582	-	-	-	582	-
Project Reports	504	-	55	-	559	-
Book Bank	698	-	-	-	698	-
NPTEL Videos	4550	-	127	-	4677	-

4.2.2 E-content developed by teachers such as: e-PG-Pathshala, CEC (under e-PG-Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the teacher	Name of the module	Platform on which module is developed	Date of launching e - content
All Teachers in the CSE department	ANITS e-Learning resource	AWS	2017
All the Faculty in the Institute	For all the subjects	MOODLE	2017

4.3 IT Infrastructure

4.3.1 Technology Up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsin g Centres	Computer Centres	Office	Departments	Available band width (MGBPS)	Others
E x i s t i n g	626	18	565	7	NIL	6	CSE, ECE, EEE, MECH, CHEM, IT, CIV	100 MBPS	
A d d e d	129	3	86	1	NIL				
T o t a l	755	21	651	8	NIL	06		100 MBPS	

4.3.2 Bandwidth available of internet connection in the Institution (Leased line)			
100 MBPS			
4.3.3 Facility for e-content			
Name of the e-content development facility		Provide the link of the videos and media centre and recording facility	
Moodle (e-Learning Management System)		http://13.127.220.175/moodle/	
4.4 Maintenance of Campus Infrastructure:			
4.4.1 Expenditure incurred on maintenance of physical facilities and academic support facilities, excluding salary component, during the year			
Assigned budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurred on maintenance of physical facilities
3,03,59,744/-	2,42,87,795/-	4,98,19,950/-	4,48,37,955/-
4.4.2 Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc. (maximum 500 words) (information to be available in institutional Website)			
CRITERION V - STUDENT SUPPORT AND PROGRESSION			
5.1 Student Support			
5.1.1 Scholarships and Financial Support			
	Name /Title of the scheme	Number of students	Amount in Rupees
Financial support from institution			
Financial support from other sources			
a) National (State Government)	Scholarship	2039	9,80,36,400/-
b) International	University Graduate Scholarship(UGC)	2	\$10,932.00, \$17,424.00
5.1.2 Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,			
Name of the capability enhancement scheme	Date of implementation	Number of students enrolled	Agencies involved
Embedded system(IOT) fundamentals	02-01-2018 to 04-01-2018	109	APSSDC(Andhra Pradesh State Skill Development Corporation)
Embedded system Advanced	15-02-2018 to 17-02-2018	119	APSSDC(Andhra Pradesh State Skill Development Corporation)
PCB Designing	29-07-2017	68	Matchwell technology solutions(MTS), Visakhapatnam
Circuit Design 'Pro' &	2017-18	120	Innovation club, ECE

Circuit Design 'Novice'			
IOT-Outreach program of Technix'17	2017-18	120	IIT Varanasi in association with Innovians Technologies, Noida
Robotics with Artificial Intelligence	23-02-2018 to 24-02-2018	124	INV technologies
Lab View and its applications	07-10-2017	75	National Instruments Corporation
Remedial coaching	2017-18	Students who are poor academics	All the departments
Personal Counselling and Mentoring	2017-18	For all the students	All the departments
CRT Classes	2017-18	For all the eligible students	T& P Cell

5.1.3 Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students by Guidance for Competitive examination	Number of benefited students by Career Counselling activities	Number of students who have passed in the competitive exam	Number of students placed
2017-18	GATE and Higher Education	256	191	67	57

5.1.4 Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	No. of grievances redressed	Average number of days for grievance redressal
NIL	NIL	NIL

5.2 Student Progression

5.2.1 Details of campus placement during the year

Name of Organization s Visited	Number of Students Participated	On campus	Off Campus
		Number of Students Placed	Number of Students Placed (
44	531	144	48

5.2.2 Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Department graduated from	Name of institution joined	Name of Programme admitted to
------	--	--------------------------	---------------------------	----------------------------	-------------------------------

2017 -18	3	B. Tech	CSE	University of Cincinnati (2 students), University of Houston Clear Lake (1 student)	MS
2018	1	B.E	ECE	NIT Kurukshetra	M.TECH
2018	1	B.E	ECE	University of Central Missouri	M.S
2018	1	B.E	ECE	Write State University	M.S
2018	1	B.E	ECE	Victoria University	M.S
2017-18	2	B.E	IT	University of new Haven	M.S

5.2.3 Students qualifying in state/ national/ international level examinations during the year (eg: NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	No. of Students selected/ qualifying	Registration number/roll number for the exam
NET		
SET		
SLET		
GATE	72 Nos.	CS18S36019398, CS18S36019359, CS18S36018095, CS18S36016163 CE18S76017032 CE18S76019089 CE18S86018119 CE18S86018171
GMAT		
CAT	07 Nos	
GRE	12 Nos.	314126510001 314126510031 314126510033 314126510123
TOFEL	6 Nos.	000031542791
Civil Services		
State Government Services		
Any Other	2 Nos.	

5.2.4 Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Participants
Cricket, Volley Ball, Basket Ball, Throw Ball,	Institute	1200

Badminton, Tenniquoit, Chess, Carroms, Table Tennis, Kabaddi, Athletics		
--	--	--

5.3 Student Participation and Activities

5.3.1 Number of awards/medals for outstanding performance in sports/cultural activities at national/international level (award for a team event should be counted as one)

Year	Name of the award/ medal	National/ International	Sports	Cultural	Student ID number	Name of the student
2017	All India Inter University Swimming Championship	National	Swimming			D. Pooja Leela Rani
2017	All India Inter University Swimming Championship	National	Swimming			K. Balarama Krishna
2017	South Zone Inter University Chess championship	National	Chess			K.V.S.S. Sai Sirisha
2017	South Zone Inter University Chess championship	National	Chess			V. Sree Preethi
2017	South Zone Inter University Foot Ball championship	National	Foot Ball			M.Kiran
2017	All India Inter University Lawn Tennis	National	Lawn Tennis			T. Mohan Sai
2017	AP State Roller Hockey championship	National	Roller Hockey			M. Uday Harsha Pavan
2017	All India Inter University Taekwondo championship	National	Taekwondo			V. Vamsy

5.3.2 Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

The contributions from the students as the representatives in academic & Administrative bodies are more beneficial for the development of Department and Institution. They actively takes part as student committee members in different administrative bodies/Committees of the Institution such as--

- **ACES Committee-** In this, the student members organize the Tech-fest in a well-planned manner by contributing in obtaining funds from different companies. The different committee in Tech fest are formed and the events in the Tech fest both Technical & non-Technical are also proposed by this committee to the higher authority and are also organized accordingly. The final year ACES members also provide valuable suggestions & guide their juniors (1st year students) in academics during the orientation programs, etc.
- **IETE/IEEE/ISTE/IE Committee-** In this committee, the students helps in organizing the Hardware expos, workshops, Quiz's, Guest Lectures by contributing in the academic development.
- **Hostel Committee-** These committee members keep in pace with the day-to-day monitoring of the amenities in mess, the quality of the food, cleanliness of the mess & its surrounding and any problems in it.
- **Amenities Committee-** These committee members keep a track of the problems regarding the amenities in the department as well as the institution level also.
- **Entrepreneur Club-** The student members in this club exchange different ideas for becoming a

best Entrepreneur.

- **Green & NSS Club-** These committee members helps the department as well as institution to keep the surrounding Clean and also participate in social events like Blood donations, Campaigning, visiting the orphanages, etc.
- **Wall Magazine Committee** – The students keep a track of day-to-day developments in science & technology and provides the information as charts or articles such that they can be displayed on notice board so that can be useful for the other students.
- **Library Committee** – These committee members help in organizing the books properly in an orderly manner, come out with the suggestions or requirements from the students regarding books, old projects, journals, etc. and also keep track whether the resources are utilized properly/not. They also check the overall ambience of the library.

5.3 Alumni Engagement

5.3.1 Whether the institution has registered Alumni Association? Yes/No, if yes give details (maximum 500 words): Yes

- Registration Number – 1789 and Date: 22nd December 2006
- Alumni Feedback is taken annually at regular intervals.
- This feedback is collected from Alumni Students in the meetings conducted with alumni. It is used to fulfil the curriculum gaps, for add on courses, for skill development and to finally meet the Industry requirements.

5.3.2 No. of registered Alumni: **39 Nos.**

5.3.3 Alumni contribution during the year (in Rupees) : **30,000/-**

5.3.4 Meetings/activities organized by Alumni Association : **1**

CRITERION VI –GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 Institutional Vision and Leadership

6.1.1 Mention two practices of decentralization and participative management during the last year (maximum 500 words)

Decentralized Governance system

Governing body is constituted as per the guidelines provided by AICTE.

- The Governing Body delegates all the academic and operational decisions based on policy to the Academic Council headed by the Principal.
- The principle will discuss all the academic activities with the HOD's and assign the duties.
- The HOD's manage the day to day activities of the department.
- A team of Faculty members coordinate the co-curricular and extra-curricular activities in the College.
- Other units of the college like sports, arts, library etc. have operational autonomy under the

guidance of the various committees/clubs/associations and students are involved from various departments in the decision-taking process.

- Conducting Mid examinations by the individual Departments

Levels of participative management.

- The Governing Body, Academic Council, Board of Studies, Finance Committee, IQAC and other statutory bodies are formulated as per the participative structures provided by the Government, UGC, AICTE and the affiliating University.
- The College makes sure that every faculty is involved in at least 2 or 3 committees of the College and representation from the student community is also ensured.
- The regular meetings and feedback of different stakeholders is also an indication of the participative management.

6.1.2 Does the institution have a Management Information System (MIS)?

Yes/No/Partial: Partial

1. Online attendance system - Institute have EZ school for monitoring student attendance
2. E-learning system- Using MOODLE software for online learning

6.2 Strategy Development and Deployment

6.2.1 Quality improvement strategies adopted by the institution for each of the following (with in 100 words each):

❖ Curriculum Development

- BOS Meeting will be held every year. They will review the syllabus and update the syllabus.

❖ Teaching and Learning

- The requirement of staff is assessed as per AICTE norms and staffs are appointed through the staff selection committee. The staff members are exposed to Faculty Development Programmes.
 - Staff members are guided to prepare the teaching notes and teaching methodology by Heads of the Departments and other senior faculty. All the teachers are exposed to use of LCD/DLPs.
 - Students are imparted hands on training through laboratory experiments and industrial visits / training / tours.
 - Knowledge gained by the students is assessed through periodical class tests, objective tests, mid examinations and laboratory tests, etc. Based on the assessment, the needy students are provided with additional teaching classes / bridge courses / laboratory classes, etc
- Faculty interaction hours beyond college hours, students counselling, tutorials, providing notes in the class rooms, remedial classes for lateral entries and re habitation classes for students having backlogs.

❖ Examination and Evaluation

- The students will be assessed on continuous basis by the subject teachers based on their attendance, participation in tutorials, assignments, presentations, viva-voice and other activities.
- Students are given a minimum of two assignments by the faculty member, which they are required submit on specified dates. These assignments carry marks which contribute to the total obtained for that subject.
- Students are required to sit for two tests, which are conducted after 45 and 90 working days approximately. These are called Mid I & Mid-II.
- Final Examination carries a weight age of 60% while Mid-I & Mid-II carry a weight age of 30% while the assignments, quiz, etc carry a weight age of 10%.
- The performance of a student is evaluated in terms of two indices, viz. the Semester Grade Point Average (SGPA) which is the Grade Point Average for a semester and Cumulative Grade Point Average (CGPA) which is the Grade Point for all the completed semesters at any point in time. The SGPA is calculated on the basis of grades obtained in all courses, except audit courses and courses in which S/Z grade is awarded, registered for in the particular

<p>semester:</p> <ul style="list-style-type: none"> • $SGPA = \frac{\sum(\text{Credits} \times \text{Grade point})}{\sum(\text{Credits})}$ • The CGPA is calculated on the basis of all pass grades, except audit courses and courses in which S/Z grade is awarded, obtained in all completed semesters. <p>CGPA = $\frac{\sum(\text{Credits} \times \text{Grade points})}{\sum(\text{Credits})}$</p>
<p>❖ Research and Development</p> <ul style="list-style-type: none"> • Faculty is registered as research scholars and there by considerable number of research papers is being published. • Research proposals are submitted to UGC, SERB & AICTE for funding purpose.
<p>❖ Library, ICT and Physical Infrastructure / Instrumentation</p> <ul style="list-style-type: none"> • The Library is well equipped with modem facilities and resources (print and electronic) in the forms of Books, Titles, Journals, Project Reports, Bound Volumes, CDROMs, DVD-ROM , Previous question papers, SC & ST Book Bank Books and Eight Online Databases etc. • In addition to the central library, every department has its own departmental library. The Library has high speed Internet facility for 40 Systems with 100 Mbps dedicated network. All the Student and Staff Members can use the facility on Library working hours. All The E-Journals and articles can be downloaded in the Browsing Centre. For using the Browsing service. It has also developed a full-fledged Digital Library equipped with necessary modem equipment in order to provide various digital mode Library services. NPTEL facility (National Programme on Technology Enhanced Learning) to access video lectures Digital Library section of the Central Library has developed an institutional digital repository using open source software D Space, which preserve the institute's intellectual output for campus wide access and digital preservation for the posterity
<p>❖ Human Resource Management</p> <ul style="list-style-type: none"> • Transparent and scientific way of selections. • Imparting related training. • Systematic performance appraisal system and guidance to the people concerned. • Systematic promotion policies. <p>Democratic way of administration with participative management.</p>
<p>❖ Industry Interaction / Collaboration</p> <ul style="list-style-type: none"> • Potential industries for summer training are contacted and students are deputed to various industries for summer training. MOUs are signed with a few industries which offer summer training. Industrial visits are organized to expose the students with the environment at site and modern trends that are taking place in construction industry.
<p>❖ Admission of Students</p> <ul style="list-style-type: none"> • The EAMCET - Engineering and Medical Common Entrance Test convener fills up 70% (Category - A) of the seats in the Institute by allotting the candidates to this institute on the basis of their choice, their EAMCET ranks and the reservation policy of the Govt. of Andhra Pradesh. The remaining 30% (Category - B) of the seats are filled up by the Institute under the Management /NRI quota • The convener of ECET admits 10% of the sanctioned intake for each program for admission directly into the II year of the 4-year B.E/B.Tech program
<p>6.2.2 : Implementation of e-governance in areas of operations:</p>
<p>❖ Planning and Development</p> <ul style="list-style-type: none"> • Budget Proposals are applied through E-Portal • Automate Library. • E-feedback from faculty
<p>❖ Administration</p> <ul style="list-style-type: none"> • Staff Salary Generation & expenses Management. • Grievance addressing of stack holders by using e-mail, SMS and telephonic service.
<p>❖ Finance and Accounts</p> <ul style="list-style-type: none"> • Payslips are generated through portal

<p>❖ Student Admission and Support</p> <ul style="list-style-type: none"> • Fee payment through online • Analyze the Performance of a class. • E Learning through MOODLES • Internet on demand for students and teachers. 				
<p>❖ Examination</p> <ul style="list-style-type: none"> • Automate Examination Management System. • End semester result published through online via college website: www.anits.edu.in 				
6.3 Faculty Empowerment Strategies				
6.3.1 Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year				
Year	Name of teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2018	Mr. L. Vijay and Mr. G.N.V. Mohan	One Week Faculty Development Programme on “Power Quality Analysis and Improvement Techniques”	ANITS	5,000/-
2017	Mr. M. Sudheer Kumar and Mr. S. Harish	Two week faculty development programme on “Power Electronics”	ANITS	4,000/-
2018	Mr. S. Balamurali, Assoc. professor, Mr. L. Dinesh, Mr. J. Uday Venkatesh and Mr. M. S.M. Divakar	One week Faculty Development Programme on “Hands on training in Power Electronics & Power Systems using Advanced Analytical Tools”	ANITS	8,000/-
2017	Mr. L. Phani Raghav	One-week GIAN Course (International Workshop) on ‘Wide Area Monitoring and Control of Cyber Power System’	ANITS	2,000/-
2017	Mr. K. Trinadhbabu	One-week workshop on “Power Electronic Technologies and Opportunities (PETO-2017)”	ANITS	2,000/-
2017	Mr. R.V.L.N. Divakar	One-week Faculty Development Programme on “Electrical Power Systems with Emphasis on MATLAB (EPSEM)”	ANITS	1,200/-
2017	Mrs. K.V.R. Swathi, Mr. V. Anil Kumar and Mr. N. Kiran	One-week Faculty Development Programme on “Power Electronic Applications for Renewable Energy and Electrical Vehicle (PEREEV-2017)”	ANITS	3,000/-
2017	Mr. V. Murali and Mr. Ch.V.N. Raja	Two-day National Workshop on “Smart Power Technologies	ANITS	4,000/-
2017	Mr. B. Tulasi Rao and Mr. B. Satyanarayana	Two-day National Workshop on “Outcomes Based Education & Accreditation”	ANITS	2,000/-

2017	Dr. M. Shiva Naresh	ICONN2017	ANITS	5000
2018	B.Geetha Chandra Sekhar	One day workshop Organized by ISHRAE Vizag Chapter “ Refcorn” Urjavran-2018 10 th January	ANITS	500
2018	Ch. Maheswara Rao	Optimization of Multiple Responses Using Utility Method	ANITS	1000
2017	P.Bala Divya	“Smart and Emerging materials (SEM-2017)” 08 th to 9 th December 2017	ANITS	1000
2017	K.S.L.Soujanya	“Smart and Emerging materials (SEM-2017)” 08 th to 9 th December 2017	ANITS	1000
2017	A P S V R Subramanyam	Experimental Techniques in welding Technology” 22 nd to 23 rd December 2017	ANITS	500
2018	Ch. Maheswara Rao	Advanced Techniques Related to Analytical Molecular Material Testing and Statistical Tools 27 th to 29 th March,2018	ANITS	1200
2018	M.Raja Roy,	Advanced Techniques Related to Analytical Molecular Material Testing and Statistical Tools 27 th to 29 th March,2018	ANITS	1200
2018	Dr. Rajesh Ghosh	Optimization processes with design of experiment	ANITS	4800
2017	Dr. Serwani V.Swamy	National Conference on Challenges and Opportunities for Teaching and Research in English Language and Literature	ANITS	600/-
2017	Dr. A. A. Vijaya Jyothi	Recreating Spaces: Language, Culture, and Gender Issues during	ANITS	3000/-
2017	Dr. M. Kalyana Chakravarthy Dr. R .Swaroop Rani	AP Science Congress, Andhra University	ANITS	6000
2017	Reddi Prasadu	Machine Intelligent and Soft Computing 10 th - 16 th Jul 2017 at AU	ANITS	2500
2017	D. Sailaja	Speech Signal Processing, 9 th – 18 th Nov 2017 at AU	ANITS	2500
2017	JSVS Hari Priyanka			2500
2017	M Navya sri			2500

6.3.2 Number of professional development / administrative training programmes organized by the Colleges for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	Dates (from-to)	No. of participants (Teaching staff)	No. of participants (Non-teaching staff)
2017	Guest lecture on “Fundamentals and Advances in Communications”		09-09-2017	33	-
2017	Guest Lecture on “Torpedo Engineering”		31-10-2017	21	
2017	Faculty development workshop on "Outcomes		23-12-2017	34	

	Based Education"				
2018	Faculty development program on "5G Wireless Communications"		06-01-2018 to 10-01-2018	27	
2017	FDP	--	16-17 June	2	--
2017	National Workshop on Application of Theory to Process Industry For Engineers	--	8-9 Dec	3	--
2017	Micro Manufacturing Techniques		24 th to 25 th November, 2017	40	
2017	Faculty Development Program		June 15-16, 2017	03	

6.3.3 No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	Date and Duration (from – to)
A Conference leadership training cum workshop IEEE mini POCO 2018	01	20.05.2018
One day workshop on "WORK-LIFE Balance"	06	23.04.2018
One week National Level Faculty Development Program on "Evolutionary and Nature Inspired Meta-Heuristic Algorithm for Engineering Applications"	01	13.04.2018 to 17-04-2018
One faculty development program on "Recent trends in IC design and Applications"	01	16.04.2018 to 21-04-2018
One day workshop on "WORK-LIFE Balance"	07	16.04.2018
Three day national workshop on "Cryptology and Cyber Security (WCCS-2018)	01	22.03.2018 to 24-03-2018
Six day faculty development program on "5G wireless Communications"	27	05.01.2018 to 10-01-2018
one week GIAN course on "Advanced CMOS Clock Generation Circuits"	02	25.12.2017 to 29-12-2017
one day workshop on "Outcome Based Education"	34	23.12.2017
Two week Faculty Development Program on "Pedagogical Training on Outcome Based education"	01	18.12.2017 to 30-12-2017
one week workshop on "Advanced Antennas and Applications WAA-2017"	05	28.11.2017 to 2-12-2017
faculty development programme on "Engineering Challenges for smart and Digital India: Internet of Things (IoT) and Applications"	01	20.11.2017 to 1-2-2017
Three Day Workshop on "Recent Advances in Wireless Communications"	01	23.11.2017 to 25-11-2017
two day workshop on "Knowledge Pursuit in Electronics Research and Academics (KPERA)"	01	30.07.2017 to 31-07-2017
one day Faculty Knowledge Program	01	22.07.2017
one day workshop on "Empowering Teaching Excellence Through E-Learning Platforms"	01	08.07.2017
National level awareness programme on "Establishing Incubation- Innovation centre"	01	15.06.2017 to 16-06-2017
National Workshop	01	18-03-2017
National Workshop	02	25-03-2017 to

		26-03-2017
Refresher Course	02	17-05-2017 to 18-05-2017
National Workshop	03	12-06-2017 to 15-07-2017
Faculty Development Programme	01	21-06-2017
Faculty Development Programme	02	24-10-2017 to 25-10-2017
Faculty Development Programme	03	04-12-2017 to 09-12-2017
National Workshop	01	04-12-2017 to 09-12-2017
Faculty Development Programme	02	11-12-2017 to 20-12-2017
International Workshop	01	18-12-2017 to 22-12-2017
Faculty Industrial Training	01	18-12-2017 to 30-12-2017
Faculty Development Programme	01	26-12-2017 to 30-12-2017
Faculty Development Programme	01	27-12-2017 to 01-01-2018
QIP on Transport Process	2	24-28, July, 2017
Advanced Technologies for Biological separations	2	16-17, Feb, 2018
FSSM2017	2	13-14 Oct 2017
QIP on Solid and Hazardous Waste management, IIT KHARAGPUR	1	26 June- 3 July, 2017
Workshop on “5G Wireless Communication“	2	5-Jan-2018 to 10-Jan-2018
One Day Workshop on Outcome Based Education	1	23-Dec-2017 to 23-Dec-2017
Meity Sponsored Faculty Development Program on Speech Signal Processing	3	9-Nov-2017 to 18-Nov-2017
AICTE Sponsored Short-term Course on Data Analytics Using R	3	20-Nov-2017 to 26-Nov-2017
Machine Learning – Recent Trends and Applications	6	12-Jun-2017 to 17-Jun-2017
Machine Intelligence and Soft Computing	1	10-Jul-2017 to 15-Jul-2017
Geo synthetics as Modern Civil Engineering Construction Materials	1	05-02-2018 to 10-02-2018
Seminar on Educate the Educator’s Program	1	05-02-2018 to 10-02-2018
Pedagogical Training on Outcome Based Education	1	18-12-2017 to 30-12-2017
Urban Water and Waste Water Management for India	1	30-04-2018 to 04-05-2018
Experimental Physics	1	9 th 24 th , January 2018,
6.3.4 Faculty and Staff recruitment (no. for permanent recruitment): 49 Nos.		

Teaching		Non-teaching	
Permanent – 46 Nos		Permanent – 03 Nos.	
6.3.5 Welfare schemes for			
Teaching		EPF, Family Health Insurance & Free Medical check up at NRIIMS	
Non teaching		ESI, EPF, Family Health Insurance & Free Medical check up at NRIIMS	
Students		Free medical assistance is available round the clock in NRIIMS Hospital, which is a part of ANES and the Management presenting Gold Medals & Cash prize for the toppers of their respective departments and also providing financial assistance for the students those who are economically poor.	
6.4 Financial Management and Resource Mobilization			
6.4.1 Institution conducts internal and external financial audits regularly (with in 100 words each)			
6.4.2 Funds / Grants received from management, non-government bodies, individuals, philanthropies during the year(not covered in Criterion III)			
Name of the non government funding agencies/ individuals		Funds/ Grants received in Rs.	Purpose
6.4.2 Total corpus fund generated			
6.5 Internal Quality Assurance System			
6.5.1 Whether Academic and Administrative Audit (AAA) has been done?			
Audit Type	External		Internal
	Yes/No	Agency	Yes/No Authority
Academic			Yes IQAC
Administrative			Yes IQAC
6.5.2 Activities and support from the Parent – Teacher Association (at least three)			
<ol style="list-style-type: none"> Parents meeting is conducted two times per Year Feedback from the parents are collected and the necessary actions are being taken Class teachers send SMS to Parents every day regarding their wards attendance The semester results of the students are conveyed to the parents during the parents meeting Departmental activities are also conveyed to parents during the meeting 			
6.5.3 Development programmes for support staff (at least three)			
6.5.4 Post Accreditation initiative(s) (mention at least three)			
<ol style="list-style-type: none"> Teaching learning programmes are improved based on the suggestions given by the experts committee R& D activities are motivated through submission of proposals to funding agencies Steps are taken to improvise the faculty publications. Students are motivated to participate more in industrial oriented training. 			
6.5.5			
a. Submission of Data for AISHE portal : (Yes /No)			
b. Participation in NIRF : (Yes /No)			

c. ISO Certification : (Yes /No)
 d. NBA or any other quality audit : (Yes /No)

6.5.6 Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting activity	Duration (from-----to-----)	Number of participants
	<ul style="list-style-type: none"> • Administrative Academic Audit (AAA) committee interact with all the departments for maintaining and sustaining quality education as directed by IQAC. • Introduced MOODLE and e-learning software. • Enhancement of research activities. • Initiation of student activities/clubs. • A Seminar on “Intellectual Property Rights (IPR)”. • A Seminar on “Outcome Based Education”. • A workshop on “Empowering Teaching Excellence through E- Learning Platforms”. • Faculty Development Program on “Pedagogical Training on Outcome Based Education” • National level awareness programme on “Establishing Incubation-Innovation centre”. 			

CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES**7.1 - Institutional Values and Social Responsibilities****7.1.1 Gender Equity (Number of gender equity promotion programmes organized by the institution during the year)**

Title of the programme	Period (from-to)	Participants	
		Female	Male

7.1.2 Environmental Consciousness and Sustainability/Alternate Energy initiatives such as:

- Water purification system is setup in the campus for access of pure water.
- Use of air conditioners is made only when required.
- Often times, tree plantation initiative is be taken by the each department.
- In view of creating Environmental consciousness, an awareness programme on “Oil conservations-SAKSHAM 2018” was organized in collaboration with HPCL-Vizag on 06-02-2018.
- ECO GANESHA PROGRAM organized by NSS team in the campus on 24-08-2017 to encourage the usage of clay for idols instead of Plaster of Paris which causes water pollution.
- Percentage of power requirement of the College met by the renewable energy sources
- Swachh Survekshan 2018 was organised along with GVMC for Clean & Green Visakhapatnam.
- Swachh ANITS programme is conducting every year by NSS team in the campus.

7.1.3 Differently abled (Divyangjan) friendliness

Items Facilities	Yes/No	No. of Beneficiaries
Physical facilities		
Provision for lift	Yes	
Ramp/ Rails	Yes	
Braille Software/facilities		
Rest Rooms	Yes	
Scribes for examination		
Special skill development for differently abled students		
Any other similar facility		

7.1.4 Inclusion and Situatedness**Enlist most important initiatives taken to address locational advantages and disadvantages during the year**

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date and duration of the initiative	Name of the initiative	Issues addressed	Number of participating students and staff

7.1.5 Human Values and Professional Ethics**Code of conduct (handbooks) for various stakeholders**

Title	Date of Publication	Follow up (maximum 100 words each)
Prospectus & Academic Regulations	2017-18	Distributed to all the 1 st year students

7.1.6 Activities conducted for promotion of universal Values and Ethics

Activity	Duration (from-----to-----)	Number of participants

Human Values and Professional Ethics	June 2017 to April 2018	All first year students
7.1.7 Initiatives taken by the institution to make the campus eco-friendly (at least five)		
<ol style="list-style-type: none"> 1. Water purification system is setup in the campus for access of pure water. 2. Use of air conditioners is made only when required. 3. Often times, tree plantation initiative is be taken by the each department. 4. In view of creating Environmental consciousness, an awareness programme on “Oil conservations-SAKSHAM 2018” was organized in collaboration with HPCL-Vizag on 06-02-2018. 5. ECO GANESHA PROGRAM organized by NSS team in the campus on 24-08-2017 to encourage the usage of clay for idols instead of Plaster of Paris which causes water pollution. 6. Percentage of power requirement of the College met by the renewable energy sources 7. Swachh Survekshan 2018 was organised along with GVMC for Clean & Green Visakhapatnam. 8. Swatch ANITS programme is conducting every year by NSS team in the campus. 9. The Institute conducted Essay writing Competition “Plastic Free World” on 15-7-2017, two students were awarded prizes and the event in also incorporated in the department Wall Magazine. 10. The Institute created the awareness of environmental consciousness initiated the e-waste management. 		
7.2 Best Practices		
<p>Describe at least two institutional best practices Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link.</p> <ol style="list-style-type: none"> 1. NPTEL Courses: Encourages the students towards self learning by mentoring them in NPTEL online courses. Over 100 Students and 10 faculty members successfully completed NPTEL Certification in 2017-18 academic year. 2. Weekly faculty seminars: Every department conducts weekly seminars by faculty on latest development on various research areas. 3. Parents meet: Every department conducting parents meet once a year in SEM-I. In this meet parents can directly meet the faculty and they can get information about their wards. 4. Alumni meet: Every department conducting Alumni meet once a year in SEM-II. 5. Business Combat: Business combat was conducted in 2017-18 SEM-II to make the students as entrepreneur. 6. Extension Activities: Green Club conducts various extension activities like Eco friendly Ganesh, E-Waste collection. E-waste collected and disposed to Apna Bhoomi E-Waste Management Services. 7. Sports and Yoga club: Sports and Yoga club conducts various activities like 5k marathon on Health and Fitness in beach road Visakhapatnam, Yoga event on international yoga day and other fitness events like trekking and walking. Department always encourages the students for participation in sports events. 8. Maintaining a dairy by collecting complete data of outgoing students 		
7.3 Institutional Distinctiveness		
<p>Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust Provide the web link of the institution in not more than 500 words.</p> <ol style="list-style-type: none"> 1. External academic board members are invited many a times to discuss about institutes future plans. Their suggestions are taken into account. Necessary points discussed with them and the suggestions given by them are taken to the notice of higher authority board in the College. 2. Few things such as industry visits, conducting hands-on sessions on various technologies are given vital importance. Practices are framed in such a way that students benefit from maximum practical exposure in the trending fields of Science and Innovation. The academic monitoring of students is also regularly carried out through counselling sessions. The student organisations within the department are also active, they organise various technical and non-technical events. 		

8. Future Plans of action for next academic year (500 words)

1. To get sponsored projects from various organizations.
2. To publish more quality publications from faculty.
2. To organize an international Conference by every department.
3. To establish an industry supported R&D Lab for every department.
4. To enhance the number of placements from core industries.
5. To extend consultancy services to industries and get patents.
6. To get more MOUs from core industries.
7. To encourage students to do more society benefited projects.

(Prof. T.Subrahmanyam)



Signature of the Chairperson, IQAC

Abbreviations:

CAS	-	Career Advancement Scheme
CAT	-	Common Admission Test
CBCS	-	Choice Based Credit System
CE	-	Centre for Excellence
COP	-	Career Oriented Programme
CPE	-	College with Potential for Excellence
DPE	-	Department with Potential for Excellence
GATE	-	Graduate Aptitude Test
NET	-	National Eligibility Test
PEI	-	Physical Education Institution
SAP	-	Special Assistance Programme
SF	-	Self Financing
SLET	-	State Level Eligibility Test
TEI	-	Teacher Education Institution
UPE	-	University with Potential Excellence

For Communication with NAAC

The Director

National Assessment and Accreditation Council (NAAC)

(An Autonomous Institution of the University Grants Commission)

P.O. Box. No. 1075, Nagarbhavi

Bengaluru - 560 072

Phone : +91-80-2321 0261/62/63/64/65

Fax : +91-80-2321 0268, 2321 0270

E-mail : director.naac@gmail.com

Website : www.naac.gov.in